

Appendix C3

Great Horned Owl Livers

GREAT HORNED OWL LIVERS
RAW DATA AND CALCULATION OF TEQ VALUES

SAMPLE NUMBER: 95FGH162

SAMPLE TYPE: Great horned owl liver (juvenile)

LOCATION: On-post, Section 21 NE of RMA

Analyte	Analytical Limits		Laboratory Results		Adjusted Concentrations ^a			WHO TEFs Bird	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	0.183	0.731	54.987		55	55	55	0.001	0.1	0.1	0.1	0.2%	0.2%	0.2%
1234678-HpCDF	2.855	11.420	23.756		23.8	23.8	23.8	0.01	0.2	0.2	0.2	0.8%	0.9%	0.9%
1234789-HpCDF	4.201	16.804	LT		2.1			0.01	0.0			0.1%		
123478-HxCDD	0.283	1.131	15.017		15	15	15	0.05	0.8	0.8	0.8	2.6%	2.7%	2.7%
123478-HxCDF	0.259	1.034	16.848		16.8	16.8	16.8	0.1	1.7	1.7	1.7	5.8%	6.1%	6.1%
123678-HxCDD	0.254	1.016	33.242		33.2	33.2	33.2	0.01	0.3	0.3	0.3	1.1%	1.2%	1.2%
123678-HxCDF	0.219	0.878	8.539		8.5	8.5	8.5	0.1	0.9	0.9	0.9	2.9%	3.1%	3.1%
123789-HxCDD	0.252	1.007	4.275		4.3	4.3	4.3	0.1	0.4	0.4	0.4	1.5%	1.6%	1.6%
123789-HxCDF	0.809	3.236	LT	EMPC	0.4			0.1	0.0			0.1%		
12378-PeCDD	0.174	0.698	8.222		8.2	8.2	8.2	1	8.2	8.2	8.2	28.4%	29.6%	29.9%
12378-PeCDF	0.284	1.136	LT	EMPC	0.1			0.1	0.0			0.0%		
234678-HxCDF	7.214	28.856	LT	D	3.6			0.1	0.4			1.2%		
23478-PeCDF	0.005	0.020	8.001		8	8	8	1	8.0	8.0	8.0	27.7%	28.9%	29.2%
2378-TCDD	1.358	5.432	LT	EMPC	0.7			1	0.7			2.4%		
2378-TCDF	0.094	0.374	0.336	U	0.3	0.3		1	0.3	0.3	0.3	1.0%	1.1%	
OCDD	0.073	0.291	38.719		38.7	38.7	38.7	0	0	0	0	0%	0%	0%
OCDF	0.157	0.626	12.046		12	12	12	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 105	22.7	90.8	675		675	675	675	0.0001	0.1	0.1	0.1	0.2%	0.2%	0.2%
PCB 114	30.9	123.6	125		125	125	125	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 118	20.6	82.4	2540		2540	2540	2540	0.00001	0.0	0.0	0.0	0.1%	0.1%	0.1%
PCB 123	23.7	94.8	LT		11.9			0.00001	0.0			0.0%		
PCB 126	0.378	1.511	60.729		60.7	60.7	60.7	0.1	6.1	6.1	6.1	21.0%	21.9%	22.2%
PCB 156	12.1	48.4	416		416	416	416	0.0001	0.0	0.0	0.0	0.1%	0.2%	0.2%
PCB 157	11.7	46.8	80.9		80.9	80.9	80.9	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 167	13.2	52.8	128		128	128	128	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 169	0.401	1.605	59.46		59.5	59.5	59.5	0.001	0.1	0.1	0.1	0.2%	0.2%	0.2%
PCB 189	9.27	37.08	34.6		34.6	34.6		0.00001	0.0	0.0		0.0%	0.0%	
PCB 77	0.268	1.072	10.044		10	10	10	0.05	0.5	0.5	0.5	1.7%	1.8%	1.8%
PCB 81	0.280	1.121	1.567		1.6	1.6	1.6	0.1	0.2	0.2	0.2	0.6%	0.6%	0.6%

Total		TEQs		
		Full	Partial	Quant
All PCDD/PCDF		22.0	20.8	20.5
All PCBs		6.9	6.9	6.9
All PCDDs/PCDFs/PCBs		28.9	27.7	27.4

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

GREAT HORNED OWL LIVERS
RAW DATA AND CALCULATION OF TEQ VALUES

SAMPLE NUMBER: 96FGH002

SAMPLE TYPE: Great horned owl liver (adult)

LOCATION: On-post, Off-post Groundwater Treatment Plant

Analyte	Analytical Limits		Laboratory Results		Adjusted Concentrations ^a			WHO TEFs Bird	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	1.963	7.851	1116.424		139.6	139.6	139.6	0.001	0.1	0.1	0.1	0.1%	0.1%	0.1%
1234678-HpCDF	649.846	2599.384	LT	D	40.6			0.01	0.4			0.4%		
1234789-HpCDF	42.710	170.841	LT		2.7			0.01	0.0			0.0%		
123478-HxCDD	6.729	26.916	159.945		20	20	20	0.05	1.0	1.0	1.0	1.0%	1.0%	1.0%
123478-HxCDF	0.945	3.778	528.512		66.1	66.1	66.1	0.1	6.6	6.6	6.6	6.5%	6.6%	6.6%
123678-HxCDD	6.212	24.848	662.983		82.9	82.9	82.9	0.01	0.8	0.8	0.8	0.8%	0.8%	0.8%
123678-HxCDF	0.824	3.297	124.236		15.5	15.5	15.5	0.1	1.6	1.6	1.6	1.5%	1.5%	1.5%
123789-HxCDD	6.093	24.372	74.522		9.3	9.3	9.3	0.1	0.9	0.9	0.9	0.9%	0.9%	0.9%
123789-HxCDF	0.882	3.527	3.259		0.4	0.4		0.1	0.0	0.0		0.0%	0.0%	
12378-PeCDD	1.729	6.916	120.004		15	15	15	1	15.0	15.0	15.0	14.8%	14.9%	14.9%
12378-PeCDF	0.397	1.586	14.309		1.8	1.8	1.8	0.1	0.2	0.2	0.2	0.2%	0.2%	0.2%
234678-HxCDF	0.825	3.300	54.033		6.8	6.8	6.8	0.1	0.7	0.7	0.7	0.7%	0.7%	0.7%
23478-PeCDF	0.335	1.339	163.568		20.4	20.4	20.4	1	20.4	20.4	20.4	20.2%	20.2%	20.3%
2378-TCDD	0.794	3.178	12.49		1.6	1.6	1.6	1	1.6	1.6	1.6	1.6%	1.6%	1.6%
2378-TCDF	0.750	2.999	3.536	U	0.4	0.4	0.2	1	0.4	0.4	0.2	0.4%	0.4%	0.2%
OCDD	0.743	2.971	487.411		60.9	60.9		0	0	0	0	0%	0%	0%
OCDF	9.811	39.244	18.824		2.4			0.0001	0.0			0.0%		
PCB 105	137	548	37800		4725	4725	4725	0.0001	0.5	0.5	0.5	0.5%	0.5%	0.5%
PCB 114	186	744	5010		626.3	626.3	626.3	0.0001	0.1	0.1	0.1	0.1%	0.1%	0.1%
PCB 118	124	496	160000	C	20000	20000	20000	0.00001	0.2	0.2	0.2	0.2%	0.2%	0.2%
PCB 123	143	572	1260		157.5	157.5	157.5	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 126	21.498	85.994	3981.417		497.7	497.7	497.7	0.1	49.8	49.8	49.8	49.2%	49.4%	49.5%
PCB 156	172	688	24300		3037.5	3037.5	3037.5	0.0001	0.3	0.3	0.3	0.3%	0.3%	0.3%
PCB 157	165	660	4310		538.8	538.8	538.8	0.0001	0.1	0.1	0.1	0.1%	0.1%	0.1%
PCB 167	187	748	11500		1437.5	1437.5	1437.5	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 169	6.6289	26.5156	2134.275		266.8	266.8	266.8	0.001	0.3	0.3	0.3	0.3%	0.3%	0.3%
PCB 189	51.6	206.4	2690		336.3	336.3	336.3	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 77	6.103	24.411	42.908		5.4	5.4	5.4	0.05	0.3	0.3	0.3	0.3%	0.3%	0.3%
PCB 81	3.488	13.952	LT		0.2			0.1	0.0			0.0%		

Total		TEQs		
		Full	Partial	Quant
All PCDD/PCDF		49.8	49.4	49.1
All PCBs		51.4	51.4	51.4
All PCDDs/PCDFs/PCBs		101.2	100.8	100.5

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

GREAT HORNED OWL LIVERS
RAW DATA AND CALCULATION OF TEQ VALUES

SAMPLE NUMBER: 96FGH007

SAMPLE TYPE: Great horned owl liver (adult)

LOCATION: On-post, Section 2 NE (Building 242)

Analyte	Analytical Limits		Laboratory Results		Adjusted Concentrations ^a			WHO TEFs Bird	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	1.070	4.278	2396.409		299.6	299.6	299.6	0.001	0.3	0.3	0.3	0.1%	0.1%	0.1%
1234678-HpCDF	661.203	2644.812	LT	D	41.3	43.7	43.7	0.01	0.4	0.4	0.4	0.1%	0.1%	0.1%
1234789-HpCDF	12.421	49.682	349.926		43.7	43.7	43.7	0.01	0.4	0.4	0.4	0.1%	0.1%	0.1%
123478-HxCDD	1.777	7.108	595.137		74.4	74.4	74.4	0.05	3.7	3.7	3.7	1.1%	1.1%	1.1%
123478-HxCDF	0.823	3.290	4189.747		523.7	523.7	523.7	0.1	52.4	52.4	52.4	15.1%	15.1%	15.1%
123678-HxCDD	1.585	6.340	1723.943		215.5	215.5	215.5	0.01	2.2	2.2	2.2	0.6%	0.6%	0.6%
123678-HxCDF	0.723	2.892	2003.890		250.5	250.5	250.5	0.1	25.1	25.1	25.1	7.2%	7.2%	7.2%
123789-HxCDD	1.572	6.290	145.645		18.2	18.2	18.2	0.1	1.8	1.8	1.8	0.5%	0.5%	0.5%
123789-HxCDF	0.861	3.446	86.288		10.8	10.8	10.8	0.1	1.1	1.1	1.1	0.3%	0.3%	0.3%
12378-PeCDD	0.072	0.289	254.342		31.8	31.8	31.8	1	31.8	31.8	31.8	9.2%	9.2%	9.2%
12378-PeCDF	83.327	333.308	LT	D	5.2			0.1	0.5			0.1%		
234678-HxCDF	0.761	3.045	362.959		45.4	45.4	45.4	0.1	4.5	4.5	4.5	1.3%	1.3%	1.3%
23478-PeCDF	0.082	0.329	1351.614		169	169	169	1	169.0	169.0	169.0	48.6%	48.8%	48.8%
2378-TCDD	0.647	2.589	10.842		1.4	1.4	1.4	1	1.4	1.4	1.4	0.4%	0.4%	0.4%
2378-TCDF	0.627	2.507	4.256	U	0.5	0.5	0.3	1	0.5	0.5	0.3	0.1%	0.1%	0.1%
OCDD	0.251	1.003	1106.501		138.3	138.3	138.3	0	0	0	0	0%	0%	0%
OCDF	1.993	7.974	142.986		17.9	17.9	17.9	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 105	64	256	15000		1875	1875	1875	0.0001	0.2	0.2	0.2	0.1%	0.1%	0.1%
PCB 114	87.3	349.2	7260		907.5	907.5	907.5	0.0001	0.1	0.1	0.1	0.0%	0.0%	0.0%
PCB 118	58.2	232.8	85400		10675	10675	10675	0.00001	0.1	0.1	0.1	0.0%	0.0%	0.0%
PCB 123	67.1	268.4	769		96.1	96.1	96.1	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 126	2.217	8.868	4065.555		508.2	508.2	508.2	0.1	50.8	50.8	50.8	14.6%	14.7%	14.7%
PCB 156	74.9	299.6	33500		4187.5	4187.5	4187.5	0.0001	0.4	0.4	0.4	0.1%	0.1%	0.1%
PCB 157	72.3	289.2	4930	C	616.3	616.3	616.3	0.0001	0.1	0.1	0.1	0.0%	0.0%	0.0%
PCB 167	81.7	326.8	3650		456.3	456.3	456.3	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 169	2.547	10.188	4041.235	C	505.2	505.2	505.2	0.001	0.5	0.5	0.5	0.1%	0.1%	0.1%
PCB 189	30.8	123.2	1250		156.3	156.3	156.3	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 77	3.701	14.804	21.371		2.7	2.7	2.7	0.05	0.1	0.1	0.1	0.0%	0.0%	0.0%
PCB 81	3.616	14.464	LT		0.1			0.1	0.0			0.0%		

Total		TEQs		
		Full	Partial	Quant
All PCDD/PCDF		295.1	294.2	294.0
All PCBs		52.3	52.3	52.3
All PCDDs/PCDFs/PCBs		347.4	346.5	346.3

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

GREAT HORNED OWL LIVERS
RAW DATA AND CALCULATION OF TEQ VALUES

SAMPLE NUMBER: 96FGH017

SAMPLE TYPE: Great horned owl liver (adult)

LOCATION: On-post, Section 1 NE (south of Hydra Shed)

Analyte	Analytical Limits		Laboratory Results		Adjusted Concentrations ^a			WHO TEFs Bird	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	1.102	4.408	442.323		55.3	55.3	55.3	0.001	0.1	0.1	0.1	0.1%	0.1%	0.1%
1234678-HpCDF	229.278	917.112	LT	D	14.3			0.01	0.1			0.1%		
1234789-HpCDF	36.815	147.259	41.027		5.1	5.1		0.01	0.1	0.1		0.1%	0.1%	
123478-HxCDD	1.962	7.847	180.8		22.6	22.6	22.6	0.05	1.1	1.1	1.1	1.1%	1.1%	1.1%
123478-HxCDF	0.781	3.125	871.275		108.9	108.9	108.9	0.1	10.9	10.9	10.9	10.8%	10.8%	10.8%
123678-HxCDD	1.745	6.979	677.615		84.7	84.7	84.7	0.01	0.8	0.8	0.8	0.8%	0.8%	0.8%
123678-HxCDF	0.680	2.721	386.196		48.3	48.3	48.3	0.1	4.8	4.8	4.8	4.8%	4.8%	4.8%
123789-HxCDD	1.736	6.945	52.644		6.6	6.6	6.6	0.1	0.7	0.7	0.7	0.7%	0.7%	0.7%
123789-HxCDF	0.746	2.985	14.172		1.8	1.8	1.8	0.1	0.2	0.2	0.2	0.2%	0.2%	0.2%
12378-PeCDD	0.583	2.331	182.317		22.8	22.8	22.8	1	22.8	22.8	22.8	22.5%	22.6%	22.6%
12378-PeCDF	9.577	38.308	LT	D	0.6			0.1	0.1			0.1%		
234678-HxCDF	0.679	2.718	69.132		8.6	8.6	8.6	0.1	0.9	0.9	0.9	0.8%	0.9%	0.9%
23478-PeCDF	0.030	0.121	242.244		30.3	30.3	30.3	1	30.3	30.3	30.3	29.9%	30.0%	30.1%
2378-TCDD	0.612	2.448	10.564		1.3	1.3	1.3	1	1.3	1.3	1.3	1.3%	1.3%	1.3%
2378-TCDF	0.688	2.753	1.610	U	0.2	0.2		1	0.2	0.2		0.2%	0.2%	
OCDD	0.517	2.067	187.078		23.4	23.4	23.4	0	0	0	0	0%	0%	0%
OCDF	6.116	24.464	19.927		2.5	2.5		0.0001	0.0	0.0		0.0%	0.0%	
PCB 105	3.400	13.600	12000		1500	1500	1500	0.0001	0.2	0.2	0.2	0.1%	0.1%	0.1%
PCB 114	4.900	19.600	1900		237.5	237.5	237.5	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 118	3.550	14.200	40400	C	5050	5050	5050	0.00001	0.1	0.1	0.1	0.0%	0.1%	0.1%
PCB 123	3.870	15.480	197		24.6	24.6	24.6	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 126	2.867	11.468	2092.744		261.6	261.6	261.6	0.1	26.2	26.2	26.2	25.8%	25.9%	26.0%
PCB 156	28.600	114.400	15100	C	1887.5	1887.5	1887.5	0.0001	0.2	0.2	0.2	0.2%	0.2%	0.2%
PCB 157	27.900	111.600	2740		342.5	342.5	342.5	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 167	31.100	124.400	3260		407.5	407.5	407.5	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 169	2.969	11.876	1878		234.7	234.7	234.7	0.001	0.2	0.2	0.2	0.2%	0.2%	0.2%
PCB 189	5.700	22.800	2010		251.3	251.3	251.3	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 77	2.609	10.436	11.397		1.4	1.4	1.4	0.05	0.1	0.1	0.1	0.1%	0.1%	0.1%
PCB 81	2.556	10.224	LT		0.2			0.1	0.0			0.0%		

Total		TEQs		
		Full	Partial	Quant
All PCDD/PCDF		74.3	74.1	73.9
All PCBs		26.9	26.9	26.9
All PCDDs/PCDFs/PCBs		101.2	101.0	100.8

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

GREAT HORNED OWL LIVERS
RAW DATA AND CALCULATION OF TEQ VALUES

SAMPLE NUMBER: 96FGH026

SAMPLE TYPE: Great horned owl liver (juvenile)

LOCATION: On-post, Section 1 (Building 252)

Analyte	Analytical Limits		Laboratory Results		Adjusted Concentrations ^a			WHO TEFs Bird	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	0.210	0.842	139.77		139.8	139.8	139.8	0.001	0.1	0.1	0.1	0.2%	0.2%	0.2%
1234678-HpCDF	0.498	1.993	105.56		105.6	105.6	105.6	0.01	1.1	1.1	1.1	1.4%	1.5%	1.5%
1234789-HpCDF	0.679	2.715	21.252		21.3	21.3	21.3	0.01	0.2	0.2	0.2	0.3%	0.3%	0.3%
123478-HxCDD	0.070	0.280	9.297		9.3	9.3	9.3	0.05	0.5	0.5	0.5	0.6%	0.6%	0.7%
123478-HxCDF	0.137	0.548	63.435		63.4	63.4	63.4	0.1	6.3	6.3	6.3	8.3%	8.7%	8.9%
123678-HxCDD	0.067	0.268	28.011		28	28	28	0.01	0.3	0.3	0.3	0.4%	0.4%	0.4%
123678-HxCDF	0.117	0.469	28.493		28.5	28.5	28.5	0.1	2.9	2.9	2.9	3.8%	3.9%	4.0%
123789-HxCDD	0.065	0.259	4.248		4.2	4.2	4.2	0.1	0.4	0.4	0.4	0.6%	0.6%	0.6%
123789-HxCDF	0.146	0.586	2.36		2.4	2.4	2.4	0.1	0.2	0.2	0.2	0.3%	0.3%	0.3%
12378-PeCDD	5.277	21.108	LT	EMPC	2.6			1	2.6			3.4%		
12378-PeCDF	2.791	11.164	LT	EMPC	1.4			0.1	0.1			0.2%		
234678-HxCDF	13.009	52.036	LT	D	6.5			0.1	0.7			0.9%		
23478-PeCDF	0.079	0.316	23.542		23.5	23.5	23.5	1	23.5	23.5	23.5	30.9%	32.4%	33.0%
2378-TCDD	0.358	1.431	0.605		0.6	0.6		1	0.6	0.6	0.6	0.8%	0.8%	
2378-TCDF	0.148	0.591	1.289	U	1.3	1.3	0.6	1	1.3	1.3	0.6	1.7%	1.8%	0.8%
OCDD	0.296	1.183	206.092		206.1	206.1	206.1	0	0	0	0	0%	0%	0%
OCDF	0.158	0.632	54.304		54.3	54.3	54.3	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 105	4.17	16.68	356		356	356	356	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.1%
PCB 114	6	24	59.1		59.1	59.1	59.1	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 118	4.35	17.4	1050		1050	1050	1050	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 123	4.74	18.96	8.2		8.2	8.2		0.00001	0.0	0.0		0.0%	0.0%	
PCB 126	0.801	3.204	346.61		346.6	346.6	346.6	0.1	34.7	34.7	34.7	45.6%	47.7%	48.7%
PCB 156	2.3	9.2	286		286	286	286	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 157	2.24	8.96	39.2		39.2	39.2	39.2	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 167	2.5	10	49.7		49.7	49.7	49.7	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 169	0.253	1.011	100.07		100.1	100.1	100.1	0.001	0.1	0.1	0.1	0.1%	0.1%	0.1%
PCB 189	0.752	3.008	36.6		36.6	36.6	36.6	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 77	0.801	3.205	4.65		4.7	4.7	4.7	0.05	0.2	0.2	0.2	0.3%	0.3%	0.3%
PCB 81	0.757	3.030	1.01		1	1		0.1	0.1	0.1	0.1	0.1%	0.1%	

Total		TEQs		
		Full	Partial	Quant
All PCDD/PCDF		40.8	37.4	36.1
All PCBs		35.2	35.2	35.1
All PCDDs/PCDFs/PCBs		76.0	72.6	71.2

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

GREAT HORNED OWL LIVERS
RAW DATA AND CALCULATION OF TEQ VALUES

SAMPLE NUMBER: 96FGH027

SAMPLE TYPE: Great horned owl liver (juvenile)

LOCATION: On-post, Section 1 (Building 252)

Analyte	Analytical Limits		Laboratory Results		Adjusted Concentrations ^a			WHO TEFs Bird	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	0.044	0.174	114.915		114.9	114.9	114.9	0.001	0.1	0.1	0.1	0.1%	0.1%	0.1%
1234678-HpCDF	0.570	2.278	96.723		96.7	96.7	96.7	0.01	1.0	1.0	1.0	1.2%	1.2%	1.2%
1234789-HpCDF	0.927	3.707	41.152		41.2	41.2	41.2	0.01	0.4	0.4	0.4	0.5%	0.5%	0.5%
123478-HxCDD	0.015	0.059	11.054		11.1	11.1	11.1	0.05	0.6	0.6	0.6	0.7%	0.7%	0.7%
123478-HxCDF	0.584	2.336	154.179		154.2	154.2	154.2	0.1	15.4	15.4	15.4	18.6%	18.6%	19.0%
123678-HxCDD	0.013	0.053	28.095		28.1	28.1	28.1	0.01	0.3	0.3	0.3	0.3%	0.3%	0.3%
123678-HxCDF	0.480	1.920	58.543		58.5	58.5	58.5	0.1	5.9	5.9	5.9	7.1%	7.1%	7.2%
123789-HxCDD	0.013	0.053	4.966		5	5	5	0.1	0.5	0.5	0.5	0.6%	0.6%	0.6%
123789-HxCDF	0.622	2.489	3.538		3.5	3.5	3.5	0.1	0.4	0.4	0.4	0.4%	0.4%	0.4%
12378-PeCDD	0.136	0.544	4.711		4.7	4.7	4.7	1	4.7	4.7	4.7	5.7%	5.7%	5.8%
12378-PeCDF	0.175	0.700	3.504		3.5	3.5	3.5	0.1	0.4	0.4	0.4	0.4%	0.4%	0.4%
234678-HxCDF	0.559	2.237	13.088		13.1	13.1	13.1	0.1	1.3	1.3	1.3	1.6%	1.6%	1.6%
23478-PeCDF	0.136	0.544	24.022		24	24	24	1	24.0	24.0	24.0	29.0%	29.0%	29.6%
2378-TCDD	0.232	0.929	0.544		0.5	0.5		1	0.5	0.5	0.5	0.6%	0.6%	
2378-TCDF	0.133	0.534	2.191	U	2.2	2.2	1.1	1	2.2	2.2	1.1	2.7%	2.7%	1.4%
OCDD	0.025	0.101	109.699		109.7	109.7	109.7	0	0	0	0	0%	0%	0%
OCDF	0.134	0.536	31.981		32	32	32	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 105	2.66	10.64	898		898	898	898	0.0001	0.1	0.1	0.1	0.1%	0.1%	0.1%
PCB 114	3.84	15.36	167		167	167	167	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 118	2.79	11.16	3050		3050	3050	3050	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 123	3.03	12.12	16.8		16.8	16.8	16.8	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 126	0.606	2.426	246.55		246.5	246.5	246.5	0.1	24.7	24.7	24.7	29.7%	29.7%	30.4%
PCB 156	3.06	12.24	970		970	970	970	0.0001	0.1	0.1	0.1	0.1%	0.1%	0.1%
PCB 157	2.98	11.92	164		164	164	164	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 167	3.33	13.32	193		193	193	193	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 169	0.262	1.048	87.858		87.9	87.9	87.9	0.001	0.1	0.1	0.1	0.1%	0.1%	0.1%
PCB 189	0.881	3.524	67.2		67.2	67.2	67.2	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 77	0.627	2.508	5.664		5.7	5.7	5.7	0.05	0.3	0.3	0.3	0.3%	0.3%	0.4%
PCB 81	0.638	2.553	1.467		1.5	1.5		0.1	0.2	0.2	0.2	0.2%	0.2%	

Total		TEQs		
		Full	Partial	Quant
All PCDD/PCDF		57.5	57.5	55.9
All PCBs		25.4	25.4	25.3
All PCDDs/PCDFs/PCBs		82.9	82.9	81.2

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

GREAT HORNED OWL LIVERS
RAW DATA AND CALCULATION OF TEQ VALUES

SAMPLE NUMBER: 96FGH044

SAMPLE TYPE: Great horned owl liver (juvenile)

LOCATION: On-post, South Plants

Analyte	Analytical Limits		Laboratory Results		Adjusted Concentrations ^a			WHO TEFs Bird	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	0.236	0.942	542.59		542.6	542.6	542.6	0.001	0.5	0.5	0.5	0.3%	0.3%	0.3%
1234678-HpCDF	0.615	2.460	266.06		266.1	266.1	266.1	0.01	2.7	2.7	2.7	1.6%	1.6%	1.7%
1234789-HpCDF	1.038	4.152	29.465		29.5	29.5	29.5	0.01	0.3	0.3	0.3	0.2%	0.2%	0.2%
123478-HxCDD	0.010	0.041	38.783		38.8	38.8	38.8	0.05	1.9	1.9	1.9	1.2%	1.2%	1.2%
123478-HxCDF	0.559	2.236	141.99		142	142	142	0.1	14.2	14.2	14.2	8.8%	8.8%	8.8%
123678-HxCDD	0.009	0.035	100.29		100.3	100.3	100.3	0.01	1.0	1.0	1.0	0.6%	0.6%	0.6%
123678-HxCDF	0.494	1.975	66.65		66.7	66.7	66.7	0.1	6.7	6.7	6.7	4.1%	4.1%	4.2%
123789-HxCDD	0.009	0.036	16.223		16.2	16.2	16.2	0.1	1.6	1.6	1.6	1.0%	1.0%	1.0%
123789-HxCDF	0.647	2.588	3.223		3.2	3.2	3.2	0.1	0.3	0.3	0.3	0.2%	0.2%	0.2%
12378-PeCDD	0.096	0.385	14.568		14.6	14.6	14.6	1	14.6	14.6	14.6	9.1%	9.1%	9.1%
12378-PeCDF	0.043	0.171	4.384		4.4	4.4	4.4	0.1	0.4	0.4	0.4	0.3%	0.3%	0.3%
234678-HxCDF	0.540	2.160	30.903		30.9	30.9	30.9	0.1	3.1	3.1	3.1	1.9%	1.9%	1.9%
23478-PeCDF	0.035	0.140	48.814		48.8	48.8	48.8	1	48.8	48.8	48.8	30.3%	30.3%	30.4%
2378-TCDD	0.163	0.653	0.978		1	1	1	1	1.0	1.0	1.0	0.6%	0.6%	0.6%
2378-TCDF	0.039	0.155	1.151	U	1.2	1.2	0.6	1	1.2	1.2	0.6	0.7%	0.7%	0.4%
OCDD	0.044	0.177	489.92		489.9	489.9	489.9	0	0	0	0	0%	0%	0%
OCDF	0.129	0.516	73.137		73.1	73.1	73.1	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 105	73.9	295.6	1270		1270	1270	1270	0.0001	0.1	0.1	0.1	0.1%	0.1%	0.1%
PCB 114	101	404	155		155	155	155	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 118	67.2	268.8	3700		3700	3700	3700	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 123	77.4	309.6	LT		38.7			0.00001	0.0			0.0%		
PCB 126	0.366	1.464	618.1		618.1	618.1	618.1	0.1	61.8	61.8	61.8	38.3%	38.3%	38.5%
PCB 156	43.4	173.6	605		605	605	605	0.0001	0.1	0.1	0.1	0.0%	0.0%	0.0%
PCB 157	41.9	167.6	112		112	112	112	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 167	47.4	189.6	171		171	171	171	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 169	0.387	1.546	174.03		174	174	174	0.001	0.2	0.2	0.2	0.1%	0.1%	0.1%
PCB 189	56.9	227.6	36		36	36	36	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 77	0.508	2.032	9.818		9.8	9.8	9.8	0.05	0.5	0.5	0.5	0.3%	0.3%	0.3%
PCB 81	0.506	2.023	2.15		2.2	2.2	2.2	0.1	0.2	0.2	0.2	0.1%	0.1%	0.1%

Total		TEQs		
		Full	Partial	Quant
All PCDD/PCDF		98.4	98.4	97.8
All PCBs		62.9	62.9	62.9
All PCDDs/PCDFs/PCBs		161.3	161.3	160.7

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

GREAT HORNED OWL LIVERS
RAW DATA AND CALCULATION OF TEQ VALUES

SAMPLE NUMBER: 96FGH144

SAMPLE TYPE: Great horned owl liver (adult)

LOCATION: On-post, Section 1 (south of South Plants)

Analyte	Analytical Limits		Laboratory Results		Adjusted Concentrations ^a			WHO TEFs Bird	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	0.566	2.265	11.755		11.8	11.8	11.8	0.001	0.0	0.0	0.0	0.0%	0.0%	0.0%
1234678-HpCDF	21.436	85.744	LT	D	10.7			0.01	0.1			0.0%	0.0%	
1234789-HpCDF	6.550	26.200	5.246		5.2	5.2		0.01	0.1	0.1		0.0%	0.0%	
123478-HxCDD	1.881	7.525	10.859		10.9	10.9	10.9	0.05	0.5	0.5	0.5	0.2%	0.2%	0.2%
123478-HxCDF	0.309	1.234	142.08		142.1	142.1	142.1	0.1	14.2	14.2	14.2	4.3%	4.3%	4.4%
123678-HxCDD	1.641	6.564	32.253		32.3	32.3	32.3	0.01	0.3	0.3	0.3	0.1%	0.1%	0.1%
123678-HxCDF	0.257	1.028	54.82		54.8	54.8	54.8	0.1	5.5	5.5	5.5	1.7%	1.7%	1.7%
123789-HxCDD	1.572	6.288	LT		0.8			0.1	0.1			0.0%		
123789-HxCDF	0.276	1.105	2.461		2.5	2.5	2.5	0.1	0.3	0.3	0.3	0.1%	0.1%	0.1%
12378-PeCDD	0.242	0.968	15.051		15.1	15.1	15.1	1	15.1	15.1	15.1	4.6%	4.6%	4.6%
12378-PeCDF	0.051	0.204	4.213		4.2	4.2	4.2	0.1	0.4	0.4	0.4	0.1%	0.1%	0.1%
234678-HxCDF	0.261	1.042	11.953		12	12	12	0.1	1.2	1.2	1.2	0.4%	0.4%	0.4%
23478-PeCDF	0.045	0.181	166.43		166.4	166.4	166.4	1	166.4	166.4	166.4	50.5%	50.6%	51.1%
2378-TCDD	0.210	0.841	2.408		2.4	2.4	2.4	1	2.4	2.4	2.4	0.7%	0.7%	0.7%
2378-TCDF	0.378	1.513	2.965	U	3	3	1.5	1	3.0	3.0	1.5	0.9%	0.9%	0.5%
OCDD	0.135	0.541	7.386		7.4	7.4	7.4	0	0	0	0	0%	0%	0%
OCDF	2.926	11.704	LT	EMPC	1.5			0.0001	0.0			0.0%		
PCB 105	62.2	248.8	29300		29300	29300	29300	0.0001	2.9	2.9	2.9	0.9%	0.9%	0.9%
PCB 114	84.9	339.6	6730		6730	6730	6730	0.0001	0.7	0.7	0.7	0.2%	0.2%	0.2%
PCB 118	56.6	226.4	109000	C	109000	109000	109000	0.00001	1.1	1.1	1.1	0.3%	0.3%	0.3%
PCB 123	65.2	260.8	809		809	809	809	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 126	4.594	18.376	1082.5		1082.5	1082.5	1082.5	0.1	108.3	108.3	108.3	32.9%	32.9%	33.3%
PCB 156	29.3	117.2	32800		32800	32800	32800	0.0001	3.3	3.3	3.3	1.0%	1.0%	1.0%
PCB 157	28.3	113.2	4850		4850	4850	4850	0.0001	0.5	0.5	0.5	0.1%	0.1%	0.1%
PCB 167	32	128	5040		5040	5040	5040	0.00001	0.1	0.1	0.1	0.0%	0.0%	0.0%
PCB 169	4.226	16.904	812.18		812.2	812.2	812.2	0.001	0.8	0.8	0.8	0.2%	0.2%	0.2%
PCB 189	18.4	73.6	2230		2230	2230	2230	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 77	6.611	26.444	20.62		20.6	20.6		0.05	1.0	1.0		0.3%	0.3%	
PCB 81	6.409	25.636	10.099		10.1	10.1		0.1	1.0	1.0		0.3%	0.3%	

Total		TEQs		
		Full	Partial	Quant
All PCDD/PCDF		209.6	209.4	207.8
All PCBs		119.6	119.6	117.6
All PCDDs/PCDFs/PCBs		329.2	329.0	325.4

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

GREAT HORNED OWL LIVERS
RAW DATA AND CALCULATION OF TEQ VALUES

SAMPLE NUMBER: 96FGH190

SAMPLE TYPE: Great horned owl liver (juvenile)

LOCATION: On-post, Section 4 SW

Analyte	Analytical Limits		Laboratory Results		Adjusted Concentrations ^a			WHO TEFs Bird	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	0.010	0.040	6.937		6.9	6.9	6.9	0.001	0.0	0.0	0.0	0.1%	0.1%	0.1%
1234678-HpCDF	16.602	66.408	LT	D	8.3			0.01	0.1			0.7%		
1234789-HpCDF	5.818	23.271	LT		2.9			0.01	0.0			0.2%		
123478-HxCDD	0.252	1.007	1.868		1.9	1.9	1.9	0.05	0.1	0.1	0.1	0.8%	0.9%	0.9%
123478-HxCDF	0.116	0.464	4.261		4.3	4.3	4.3	0.1	0.4	0.4	0.4	3.6%	4.0%	4.1%
123678-HxCDD	0.225	0.899	6.025		6	6	6	0.01	0.1	0.1	0.1	0.5%	0.6%	0.6%
123678-HxCDF	0.095	0.380	1.885		1.9	1.9	1.9	0.1	0.2	0.2	0.2	1.6%	1.8%	1.8%
123789-HxCDD	0.728	2.912	LT	EMPC	0.4			0.1	0.0			0.3%		
123789-HxCDF	0.113	0.453	0.911		0.9	0.9	0.9	0.1	0.1	0.1	0.1	0.7%	0.8%	0.9%
12378-PeCDD	0.188	0.751	1.636		1.6	1.6	1.6	1	1.6	1.6	1.6	13.2%	15.0%	15.2%
12378-PeCDF	0.37	1.48	LT	EMPC	0.2			0.1	0.0			0.2%		
234678-HxCDF	15.82	63.28	LT	D	7.9			0.1	0.8			6.5%		
23478-PeCDF	0.008	0.030	1.832		1.8	1.8	1.8	1	1.8	1.8	1.8	14.9%	16.8%	17.1%
2378-TCDD	0.525	2.1	LT	EMPC	0.3			1	0.3			2.5%		
2378-TCDF	0.49	1.96	LT	EMPC, U	0.2			1	0.2			1.7%		
OCDD	0.128	0.5117	4.737		4.7	4.7	4.7	0	0	0	0	0%	0%	0%
OCDF	0.223	0.891	0.708		0.7	0.7		0.0001	0.0	0.0		0.0%	0.0%	
PCB 105	1.95	7.8	883		883	883	883	0.0001	0.1	0.1	0.1	0.7%	0.8%	0.8%
PCB 114	2.81	11.24	68.9		68.9	68.9	68.9	0.0001	0.0	0.0	0.0	0.1%	0.1%	0.1%
PCB 118	2.04	8.16	2610		2610	2610	2610	0.00001	0.0	0.0	0.0	0.2%	0.2%	0.2%
PCB 123	2.22	8.88	30.8		30.8	30.8	30.8	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 126	0.469	1.874	53.506		53.5	53.5	53.5	0.1	5.4	5.4	5.4	44.2%	50.0%	51.0%
PCB 156	2.51	10.04	816		816	816	816	0.0001	0.1	0.1	0.1	0.7%	0.8%	0.8%
PCB 157	2.44	9.76	152		152	152	152	0.0001	0.0	0.0	0.0	0.1%	0.1%	0.1%
PCB 167	2.72	10.88	277		277	277	277	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 169	0.423	1.692	46.032		46	46	46	0.001	0.0	0.0	0.0	0.4%	0.4%	0.4%
PCB 189	0.914	3.656	131		131	131	131	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 77	0.883	3.531	11.623		11.6	11.6	11.6	0.05	0.6	0.6	0.6	4.8%	5.4%	5.5%
PCB 81	0.916	3.665	1.736		1.7	1.7		0.1	0.2	0.2	0.2	1.4%	1.6%	

Total		TEQs		
		Full	Partial	Quant
All PCDD/PCDF		5.7	4.3	4.3
All PCBs		6.4	6.4	6.2
All PCDDs/PCDFs/PCBs		12.1	10.7	10.5

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

GREAT HORNED OWL LIVERS
RAW DATA AND CALCULATION OF TEQ VALUES

SAMPLE NUMBER: 96FGH231

SAMPLE TYPE: Great horned owl liver (unknown)

LOCATION: On-post, Section 23 SW

Analyte	Analytical Limits		Laboratory Results		Adjusted Concentrations ^a			WHO TEFs Bird	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	0.127	0.507	55.102		55.1	55.1	55.1	0.001	0.1	0.1	0.1	0.2%	0.3%	0.3%
1234678-HpCDF	9.312	37.248	22.744		22.7	22.7		0.01	0.2	0.2		1.0%	1.1%	
1234789-HpCDF	12.759	51.035	LT		6.4			0.01	0.1			0.3%		
123478-HxCDD	0.346	1.384	7.179		7.2	7.2	7.2	0.05	0.4	0.4	0.4	1.6%	1.7%	1.8%
123478-HxCDF	0.108	0.433	9.348		9.3	9.3	9.3	0.1	0.9	0.9	0.9	4.2%	4.5%	4.6%
123678-HxCDD	0.325	1.299	19.801		19.8	19.8	19.8	0.01	0.2	0.2	0.2	0.9%	1.0%	1.0%
123678-HxCDF	0.094	0.378	5.694		5.7	5.7	5.7	0.1	0.6	0.6	0.6	2.6%	2.8%	2.8%
123789-HxCDD	0.316	1.266	2.391		2.4	2.4	2.4	0.1	0.2	0.2	0.2	1.1%	1.2%	1.2%
123789-HxCDF	0.110	0.442	0.817		0.8	0.8	0.8	0.1	0.1	0.1	0.1	0.4%	0.4%	0.4%
12378-PeCDD	0.144	0.577	4.002		4	4	4	1	4.0	4.0	4.0	18.1%	19.3%	19.9%
12378-PeCDF	0.063	0.253	LT		0			0.1	0.0			0.0%		
234678-HxCDF	17.156	68.624	LT	D	8.6			0.1	0.9			3.9%		
23478-PeCDF	0.054	0.216	5.611		5.6	5.6	5.6	1	5.6	5.6	5.6	25.3%	27.1%	27.9%
2378-TCDD	0.709	2.836	LT	EMPC	0.4			1	0.4			1.8%		
2378-TCDF	0.105	0.418	0.31	U	0.3	0.3		1	0.3	0.3	0.3	1.4%	1.4%	
OCDD	0.084	0.338	48.825		48.8	48.8	48.8	0	0	0	0	0%	0%	0%
OCDF	0.332	1.329	8.99		9	9	9	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 105	21.9	87.6	1510		1510	1510	1510	0.0001	0.2	0.2	0.2	0.7%	0.7%	0.8%
PCB 114	29.9	119.6	413		413	413	413	0.0001	0.0	0.0	0.0	0.2%	0.2%	0.2%
PCB 118	19.9	79.6	7440		7440	7440	7440	0.00001	0.1	0.1	0.1	0.3%	0.4%	0.4%
PCB 123	23	92	70.4		70.4	70.4		0.00001	0.0	0.0		0.0%	0.0%	
PCB 126	5.297	21.189	65.937		65.9	65.9	65.9	0.1	6.6	6.6	6.6	29.8%	31.8%	32.8%
PCB 156	11.2	44.8	4990		4990	4990	4990	0.0001	0.5	0.5	0.5	2.3%	2.4%	2.5%
PCB 157	10.8	43.2	738		738	738	738	0.0001	0.1	0.1	0.1	0.3%	0.4%	0.4%
PCB 167	12.3	49.2	1070		1070	1070	1070	0.00001	0.0	0.0	0.0	0.0%	0.1%	0.1%
PCB 169	0.953	3.811	172.31		172.3	172.3	172.3	0.001	0.2	0.2	0.2	0.8%	0.8%	0.9%
PCB 189	9.6	38.4	890		890	890	890	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 77	1.224	4.894	10.367		10.4	10.4	10.4	0.05	0.5	0.5	0.5	2.4%	2.5%	2.6%
PCB 81	1.158	4.632	LT		0.6			0.1	0.1			0.3%		

Total		TEQs		
		Full	Partial	Quant
All PCDD/PCDF		13.9	12.6	12.0
All PCBs		8.2	8.1	8.1
All PCDDs/PCDFs/PCBs		22.1	20.7	20.1

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

GREAT HORNED OWL LIVERS
RAW DATA AND CALCULATION OF TEQ VALUES

SAMPLE NUMBER: 96FGH232

SAMPLE TYPE: Great horned owl liver (unknown)

LOCATION: On-post, Section 23 SW

Analyte	Analytical Limits		Laboratory Results		Adjusted Concentrations ^a			WHO TEFs Bird	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	0.130	0.519	64.623		64.6	64.6	64.6	0.001	0.1	0.1	0.1	0.2%	0.2%	0.2%
1234678-HpCDF	7.266	29.062	42.422		42.4	42.4	42.4	0.01	0.4	0.4	0.4	1.0%	1.0%	1.0%
1234789-HpCDF	9.944	39.778	LT		5			0.01	0.1			0.1%		
123478-HxCDD	0.145	0.578	12.874		12.9	12.9	12.9	0.05	0.6	0.6	0.6	1.5%	1.6%	1.6%
123478-HxCDF	0.295	1.182	20.473		20.5	20.5	20.5	0.1	2.1	2.1	2.1	4.8%	4.9%	5.0%
123678-HxCDD	0.133	0.532	32.964		33	33	33	0.01	0.3	0.3	0.3	0.8%	0.8%	0.8%
123678-HxCDF	0.248	0.993	12.566		12.6	12.6	12.6	0.1	1.3	1.3	1.3	3.0%	3.0%	3.1%
123789-HxCDD	0.130	0.520	4.574		4.6	4.6	4.6	0.1	0.5	0.5	0.5	1.1%	1.1%	1.1%
123789-HxCDF	0.316	1.263	0.695		0.7	0.7		0.1	0.1	0.1		0.2%	0.2%	
12378-PeCDD	0.152	0.608	15.148		15.1	15.1	15.1	1	15.1	15.1	15.1	35.5%	36.3%	36.7%
12378-PeCDF	0.188	0.752	0.612		0.6	0.6		0.1	0.1	0.1		0.1%	0.1%	
234678-HxCDF	17.091	68.364	LT	D	8.5			0.1	0.9			2.0%		
23478-PeCDF	0.156	0.624	8.195		8.2	8.2	8.2	1	8.2	8.2	8.2	19.3%	19.7%	20.0%
2378-TCDD	0.499	1.998	2.049		2	2	2	1	2.0	2.0	2.0	4.7%	4.8%	4.9%
2378-TCDF	0.243	0.974	0.584	U	0.6	0.6	0.3	1	0.6	0.6	0.3	1.4%	1.4%	0.7%
OCDD	0.234	0.935	92.404		92.4	92.4	92.4	0	0	0	0	0%	0%	0%
OCDF	0.932	3.730	21.409		21.4	21.4	21.4	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 105	2.2	8.8	629		629	629	629	0.0001	0.1	0.1	0.1	0.1%	0.2%	0.2%
PCB 114	3.17	12.68	67		67	67	67	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 118	2.3	9.2	1940		1940	1940	1940	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 123	2.5	10	17.4		17.4	17.4	17.4	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 126	0.417	1.670	98.142		98.1	98.1	98.1	0.1	9.8	9.8	9.8	23.1%	23.6%	23.9%
PCB 156	1.49	5.96	608		608	608	608	0.0001	0.1	0.1	0.1	0.1%	0.1%	0.1%
PCB 157	1.45	5.8	100		100	100	100	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 167	1.62	6.48	156		156	156	156	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 169	0.219	0.878	46.85		46.9	46.9	46.9	0.001	0.0	0.0	0.0	0.1%	0.1%	0.1%
PCB 189	0.739	2.956	68.3		68.3	68.3	68.3	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 77	0.582	2.327	5.233		5.2	5.2	5.2	0.05	0.3	0.3	0.3	0.6%	0.6%	0.6%
PCB 81	0.575	2.302	0.593		0.6	0.6		0.1	0.1	0.1		0.1%	0.1%	

Total		TEQs		
		Full	Partial	Quant
All PCDD/PCDF		32.2	31.3	30.8
All PCBs		10.3	10.3	10.3
All PCDDs/PCDFs/PCBs		42.5	41.6	41.1

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

GREAT HORNED OWL LIVERS
RAW DATA AND CALCULATION OF TEQ VALUES

SAMPLE NUMBER: 96FGH250

SAMPLE TYPE: Great horned owl liver (unknown)

LOCATION: On-post, Section 36

Analyte	Analytical Limits		Laboratory Results		Adjusted Concentrations ^a			WHO TEFs Bird	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	0.084	0.337	56.689		56.7	56.7	56.7	0.001	0.1	0.1	0.1	0.0%	0.0%	0.0%
1234678-HpCDF	0.977	3.909	65.05		65.1	65.1	65.1	0.01	0.7	0.7	0.7	0.5%	0.5%	0.5%
1234789-HpCDF	1.400	5.598	93.353		93.4	93.4	93.4	0.01	0.9	0.9	0.9	0.7%	0.7%	0.7%
123478-HxCDD	0.082	0.327	5.854		5.9	5.9	5.9	0.05	0.3	0.3	0.3	0.2%	0.2%	0.2%
123478-HxCDF	0.201	0.806	275.32		275.3	275.3	275.3	0.1	27.5	27.5	27.5	21.0%	21.0%	21.1%
123678-HxCDD	0.079	0.317	11.148		11.1	11.1	11.1	0.01	0.1	0.1	0.1	0.1%	0.1%	0.1%
123678-HxCDF	0.172	0.687	101.85		101.8	101.8	101.8	0.1	10.2	10.2	10.2	7.8%	7.8%	7.8%
123789-HxCDD	0.076	0.304	1.707		1.7	1.7	1.7	0.1	0.2	0.2	0.2	0.1%	0.1%	0.1%
123789-HxCDF	0.239	0.956	7.104		7.1	7.1	7.1	0.1	0.7	0.7	0.7	0.5%	0.5%	0.5%
12378-PeCDD	0.085	0.342	2.419		2.4	2.4	2.4	1	2.4	2.4	2.4	1.8%	1.8%	1.8%
12378-PeCDF	0.188	0.753	9.647		9.6	9.6	9.6	0.1	1.0	1.0	1.0	0.7%	0.7%	0.7%
234678-HxCDF	0.208	0.831	19.842		19.8	19.8	19.8	0.1	2.0	2.0	2.0	1.5%	1.5%	1.5%
23478-PeCDF	0.152	0.608	48.086		48.1	48.1	48.1	1	48.1	48.1	48.1	36.7%	36.7%	36.9%
2378-TCDD	0.499	1.996	LT	EMPC	0.2			1	0.2			0.2%		
2378-TCDF	0.173	0.690	1.33		U	1.3	1.3	0.7	1	1.3	1.3	0.7	1.0%	1.0%
OCDD	0.129	0.515	72.646		72.6	72.6	72.6	0	0	0	0	0%	0%	0%
OCDF	0.583	2.331	33.575		33.6	33.6	33.6	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 105	2.69	10.76	917		917	917	917	0.0001	0.1	0.1	0.1	0.1%	0.1%	0.1%
PCB 114	3.88	15.52	58.8		58.8	58.8	58.8	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 118	2.82	11.28	2430		2430	2430	2430	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 123	3.06	12.24	18		18	18	18	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 126	0.637	2.550	343.186		343.2	343.2	343.2	0.1	34.3	34.3	34.3	26.2%	26.2%	26.3%
PCB 156	2.1	8.4	417		417	417	417	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 157	2.04	8.16	94.2		94.2	94.2	94.2	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 167	2.28	9.12	163		163	163	163	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 169	0.280	1.121	96.354		96.4	96.4	96.4	0.001	0.1	0.1	0.1	0.1%	0.1%	0.1%
PCB 189	0.786	3.144	49.1		49.1	49.1	49.1	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 77	0.635	2.538	12.668		12.7	12.7	12.7	0.05	0.6	0.6	0.6	0.5%	0.5%	0.5%
PCB 81	0.626	2.502	2.823		2.8	2.8	2.8	0.1	0.3	0.3	0.3	0.2%	0.2%	0.2%

Total		TEQs		
		Full	Partial	Quant
All PCDD/PCDF		95.6	95.4	94.8
All PCBs		35.5	35.5	35.5
All PCDDs/PCDFs/PCBs		131.1	130.9	130.3

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

GREAT HORNED OWL LIVERS
RAW DATA AND CALCULATION OF TEQ VALUES

SAMPLE NUMBER: 96FGHL217

SAMPLE TYPE: Great horned owl liver (juvenile)

LOCATION: On-post, Section 31 SW

Analyte	Analytical Limits		Laboratory Results		Adjusted Concentrations ^a			WHO TEFs Bird	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	0.131	0.522	28.373		28.4	28.4	28.4	0.001	0.0	0.0	0.0	0.1%	0.1%	0.1%
1234678-HpCDF	14.912	59.648	LT	D	7.5			0.01	0.1			0.1%	0.1%	
1234789-HpCDF	1.814	7.255	3.082		3.1	3.1		0.01	0.0	0.0		0.1%	0.1%	
123478-HxCDD	8.826	35.304	LT	EMPC	4.4			0.05	0.2			0.4%		
123478-HxCDF	0.428	1.712	39.186		39.2	39.2	39.2	0.1	3.9	3.9	3.9	7.6%	7.7%	7.7%
123678-HxCDD	0.215	0.861	27.931		27.9	27.9	27.9	0.01	0.3	0.3	0.3	0.5%	0.6%	0.6%
123678-HxCDF	0.375	1.500	15.638		15.6	15.6	15.6	0.1	1.6	1.6	1.6	3.0%	3.1%	3.1%
123789-HxCDD	0.213	0.851	2.746		2.7	2.7	2.7	0.1	0.3	0.3	0.3	0.5%	0.5%	0.5%
123789-HxCDF	0.460	1.839	2.513		2.5	2.5	2.5	0.1	0.3	0.3	0.3	0.5%	0.5%	0.5%
12378-PeCDD	0.284	1.137	9.205		9.2	9.2	9.2	1	9.2	9.2	9.2	17.7%	18.2%	18.2%
12378-PeCDF	0.168	0.670	2.035		2	2	2	0.1	0.2	0.2	0.2	0.4%	0.4%	0.4%
234678-HxCDF	7.969	31.876	LT	D	4			0.1	0.4			0.8%		
23478-PeCDF	0.144	0.575	13.621		13.6	13.6	13.6	1	13.6	13.6	13.6	26.2%	26.9%	26.9%
2378-TCDD	0.215	0.861	1.073		1.1	1.1	1.1	1	1.1	1.1	1.1	2.1%	2.2%	2.2%
2378-TCDF	1.045	4.18	LT	EMPC, U	0.5			1	0.5			1.0%		
OCDD	0.344	1.376	26.502		26.5	26.5	26.5	0	0	0	0	0%	0%	0%
OCDF	0.179	0.718	7.578		7.6	7.6	7.6	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 105	3.99	15.96	3060		3060	3060	3060	0.0001	0.3	0.3	0.3	0.6%	0.6%	0.6%
PCB 114	5.76	23.04	259		259	259	259	0.0001	0.0	0.0	0.0	0.0%	0.1%	0.1%
PCB 118	4.18	16.72	7530		7530	7530	7530	0.00001	0.1	0.1	0.1	0.1%	0.1%	0.1%
PCB 123	4.55	18.2	61.2		61.2	61.2	61.2	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 126	1.940	7.761	186.97		187	187	187	0.1	18.7	18.7	18.7	36.0%	37.0%	37.0%
PCB 156	4.33	17.32	1580		1580	1580	1580	0.0001	0.2	0.2	0.2	0.3%	0.3%	0.3%
PCB 157	4.22	16.88	318		318	318	318	0.0001	0.0	0.0	0.0	0.1%	0.1%	0.1%
PCB 167	4.71	18.84	489		489	489	489	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 169	0.647	2.586	77.715		77.7	77.7	77.7	0.001	0.1	0.1	0.1	0.1%	0.2%	0.2%
PCB 189	1.06	4.24	124		124	124	124	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 77	2.180	8.721	16.746		16.7	16.7	16.7	0.05	0.8	0.8	0.8	1.6%	1.7%	1.7%
PCB 81	2.208	8.832	LT		1.1			0.1	0.1			0.2%		

Total		TEQs		
		Full	Partial	Quant
All PCDD/PCDF		31.6	30.4	30.4
All PCBs		20.3	20.2	20.2
All PCDDs/PCDFs/PCBs		51.9	50.6	50.6

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

GREAT HORNED OWL LIVERS
RAW DATA AND CALCULATION OF TEQ VALUES

SAMPLE NUMBER: 96FGHL219

SAMPLE TYPE: Great horned owl liver (juvenile)

LOCATION: On-post, Section 34 (Toxic Storage Yard)

Analyte	Analytical Limits		Laboratory Results		Adjusted Concentrations ^a			WHO TEFs Bird	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	0.004	0.015	2.052		2.1	2.1	2.1	0.001	0.0	0.0	0.0	0.0%	0.0%	0.0%
1234678-HpCDF	0.460	1.838	2.97		3	3	3	0.01	0.0	0.0	0.0	0.1%	0.2%	0.2%
1234789-HpCDF	2.111	8.444	LT	EMPC	1.1			0.01	0.0			0.1%		
123478-HxCDD	0.013	0.053	1.115		1.1	1.1	1.1	0.05	0.1	0.1	0.1	0.3%	0.3%	0.3%
123478-HxCDF	0.131	0.523	16.627		16.6	16.6	16.6	0.1	1.7	1.7	1.7	7.8%	8.3%	8.3%
123678-HxCDD	0.013	0.051	2.17		2.2	2.2	2.2	0.01	0.0	0.0	0.0	0.1%	0.1%	0.1%
123678-HxCDF	0.106	0.424	5.816		5.8	5.8	5.8	0.1	0.6	0.6	0.6	2.7%	2.9%	2.9%
123789-HxCDD	0.289	1.156	LT	EMPC	0.1			0.1	0.0			0.0%		
123789-HxCDF	1.011	4.044	LT		0.5			0.1	0.1			0.2%		
12378-PeCDD	1.031	4.124	LT	EMPC	0.5			1	0.5			2.3%		
12378-PeCDF	1.303	5.212	LT		0.7			0.1	0.1			0.3%		
234678-HxCDF	1.503	6.012	LT	D	0.8			0.1	0.1			0.4%		
23478-PeCDF	0.049	0.196	3.712		3.7	3.7	3.7	1	3.7	3.7	3.7	17.4%	18.5%	18.6%
2378-TCDD	0.25	1	LT	EMPC	0.1			1	0.1			0.5%		
2378-TCDF	0.821	3.284	LT		0.4			1	0.4			1.9%		
OCDD	2.662	10.648	LT	EMPC, U	1.3			0	0			0%		
OCDF	0.067	0.266	0.851		0.9	0.9	0.9	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 105	257	1028	2270		2270	2270	2270	0.0001	0.2	0.2	0.2	1.1%	1.1%	1.1%
PCB 114	351	1404	125		125	125		0.0001	0.0	0.0		0.1%	0.1%	
PCB 118	234	936	6280		6280	6280	6280	0.00001	0.1	0.1	0.1	0.3%	0.3%	0.3%
PCB 123	269	1076	LT		134.5			0.00001	0.0			0.0%		
PCB 126	0.332	1.328	127.85		127.9	127.9	127.9	0.1	12.8	12.8	12.8	60.0%	64.0%	64.3%
PCB 156	46.8	187.2	531		531	531	531	0.0001	0.1	0.1	0.1	0.2%	0.3%	0.3%
PCB 157	45.2	180.8	133		133	133		0.0001	0.0	0.0		0.1%	0.1%	
PCB 167	51.1	204.4	262		262	262	262	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 169	0.236	0.943	33.813		33.8	33.8	33.8	0.001	0.0	0.0	0.0	0.2%	0.2%	0.2%
PCB 189	22.8	91.2	29.4		29.4	29.4		0.00001	0.0	0.0		0.0%	0.0%	
PCB 77	0.252	1.009	9.216		9.2	9.2	9.2	0.05	0.5	0.5	0.5	2.2%	2.3%	2.3%
PCB 81	0.264	1.056	2.956		3	3	3	0.1	0.3	0.3	0.3	1.4%	1.5%	1.5%

Total					TEQs		
					Full	Partial	Quant
All PCDD/PCDF					7.3	6.0	6.0
All PCBs					14.0	14.0	13.9
All PCDDs/PCDFs/PCBs					21.3	20.0	19.9

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

GREAT HORNED OWL LIVERS
RAW DATA AND CALCULATION OF TEQ VALUES

SAMPLE NUMBER: GHL31SE96

SAMPLE TYPE: Great horned owl liver (juvenile)

LOCATION: On-post, Section 31 SE

Analyte	Analytical Limits		Laboratory Results		Adjusted Concentrations ^a			WHO TEFs Bird	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	0.006	0.0253	2.637		2.6	2.6	2.6	0.001	0.0	0.0	0.0	0.1%	0.1%	0.1%
1234678-HpCDF	1.632	6.528	LT	D	0.8			0.01	0.0			0.2%		
1234789-HpCDF	0.534	2.136	LT	EMPC	0.3			0.01	0.0			0.1%		
123478-HxCDD	0.005	0.0213	0.907		0.9	0.9	0.9	0.05	0.0	0.0	0.0	1.2%	1.7%	1.8%
123478-HxCDF	0.105	0.4191	3.84		3.8	3.8	3.8	0.1	0.4	0.4	0.4	10.0%	14.6%	15.2%
123678-HxCDD	0.005	0.0195	1.35		1.4	1.4	1.4	0.01	0.0	0.0	0.0	0.4%	0.5%	0.6%
123678-HxCDF	0.086	0.3426	1.879		1.9	1.9	1.9	0.1	0.2	0.2	0.2	5.0%	7.3%	7.6%
123789-HxCDD	0.278	1.112	LT	EMPC	0.1			0.1	0.0			0.3%		
123789-HxCDF	0.109	0.435	0.714		0.7	0.7	0.7	0.1	0.1	0.1	0.1	1.8%	2.7%	2.8%
12378-PeCDD	0.652	2.608	LT	EMPC	0.3			1	0.3			7.9%		
12378-PeCDF	0.32	1.28	LT	EMPC	0.2			0.1	0.0			0.5%		
234678-HxCDF	1.136	4.544	LT	D	0.6			0.1	0.1			1.6%		
23478-PeCDF	1.045	4.18	LT	EMPC	0.5			1	0.5			13.2%		
2378-TCDD	0.163	0.652	LT	EMPC	0.1			1	0.1			2.6%		
2378-TCDF	0.402	1.608	LT	EMPC, U	0.2			1	0.2			5.3%		
OCDD	0.026	0.104	4.027		4	4	4	0	0	0	0	0%	0%	0%
OCDF	0.485	1.94	LT	EMPC	0.2			0.0001	0.0			0.0%		
PCB 105	19.7	78.8	108		108	108	108	0.0001	0.0	0.0	0.0	0.3%	0.4%	0.4%
PCB 114	26.9	107.6	LT		13.5			0.0001	0.0			0.0%		
PCB 118	17.9	71.6	280		280	280	280	0.00001	0.0	0.0	0.0	0.1%	0.1%	0.1%
PCB 123	20.6	82.4	LT		10.3			0.00001	0.0			0.0%		
PCB 126	0.295	1.180	14.081		14.1	14.1	14.1	0.1	1.4	1.4	1.4	37.1%	54.2%	56.4%
PCB 156	6.52	26.08	36.3		36.3	36.3	36.3	0.0001	0.0	0.0	0.0	0.1%	0.1%	0.1%
PCB 157	7.39	29.56	LT	EMPC	3.7			0.0001	0.0			0.0%		
PCB 167	7.11	28.44	13.5		13.5	13.5		0.00001	0.0	0.0		0.0%	0.0%	
PCB 169	0.043	0.174	7.441		7.4	7.4	7.4	0.001	0.0	0.0	0.0	0.2%	0.3%	0.3%
PCB 189	7.21	28.84	LT		3.6			0.00001	0.0			0.0%		
PCB 77	0.404	1.616	7.428		7.4	7.4	7.4	0.05	0.4	0.4	0.4	9.7%	14.2%	14.8%
PCB 81	0.402	1.607	0.67		0.7	0.7		0.1	0.1	0.1		1.8%	2.7%	

Total		TEQs		
		Full	Partial	Quant
All PCDD/PCDF		1.9	0.7	0.7
All PCBs		1.9	1.9	1.8
All PCDDs/PCDFs/PCBs		3.8	2.6	2.5

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

GREAT HORNED OWL LIVERS
RAW DATA AND CALCULATION OF TEQ VALUES

SAMPLE NUMBER: GHL34SE96

SAMPLE TYPE: Great horned owl liver (juvenile)

LOCATION: On-post, Section 34 SE

Analyte	Analytical Limits		Laboratory Results		Adjusted Concentrations ^a			WHO TEFs Bird	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	0.054	0.216	105.28		105.3	105.3	105.3	0.001	0.1	0.1	0.1	0.5%	0.5%	0.5%
1234678-HpCDF	0.333	1.333	83.316		83.3	83.3	83.3	0.01	0.8	0.8	0.8	3.6%	3.7%	3.8%
1234789-HpCDF	0.522	2.087	8.824		8.8	8.8	8.8	0.01	0.1	0.1	0.1	0.4%	0.4%	0.4%
123478-HxCDD	0.006	0.022	13.757		13.8	13.8	13.8	0.05	0.7	0.7	0.7	3.0%	3.1%	3.1%
123478-HxCDF	0.245	0.979	18.57		18.6	18.6	18.6	0.1	1.9	1.9	1.9	8.1%	8.3%	8.5%
123678-HxCDD	0.005	0.020	25.394		25.4	25.4	25.4	0.01	0.3	0.3	0.3	1.1%	1.1%	1.2%
123678-HxCDF	0.203	0.812	16.925		16.9	16.9	16.9	0.1	1.7	1.7	1.7	7.3%	7.5%	7.7%
123789-HxCDD	0.005	0.020	7.763		7.8	7.8	7.8	0.1	0.8	0.8	0.8	3.4%	3.5%	3.5%
123789-HxCDF	0.252	1.008	0.976		1	1		0.1	0.1	0.1	0.1	0.4%	0.4%	
12378-PeCDD	0.006	0.024	5.078		5.1	5.1	5.1	1	5.1	5.1	5.1	22.2%	22.8%	23.2%
12378-PeCDF	0.471	1.884	LT	EMPC	0.2			0.1	0.0			0.1%		
234678-HxCDF	11.934	47.736	LT		6			0.1	0.6			2.6%		
23478-PeCDF	0.044	0.175	5.118		5.1	5.1	5.1	1	5.1	5.1	5.1	22.2%	22.8%	23.2%
2378-TCDD	0.076	0.304	0.402		0.4	0.4	0.4	1	0.4	0.4	0.4	1.7%	1.8%	1.8%
2378-TCDF	0.070	0.282	0.483	U	0.5	0.5	0.2	1	0.5	0.5	0.2	2.2%	2.2%	0.9%
OCDD	0.046	0.184	54.379		54.4	54.4	54.4	0	0	0	0	0%	0%	0%
OCDF	0.085	0.340	19.763		19.8	19.8	19.8	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 105	1.25	5	113		113	113	113	0.0001	0.0	0.0	0.0	0.0%	0.1%	0.1%
PCB 114	1.79	7.16	13.1		13.1	13.1	13.1	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 118	1.3	5.2	384		384	384	384	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 123	1.42	5.68	3.85		3.9	3.9		0.00001	0.0	0.0		0.0%	0.0%	
PCB 126	0.254	1.016	44.296		44.3	44.3	44.3	0.1	4.4	4.4	4.4	19.3%	19.8%	20.1%
PCB 156	1.02	4.08	118		118	118	118	0.0001	0.0	0.0	0.0	0.1%	0.1%	0.1%
PCB 157	0.997	3.988	22.9		22.9	22.9	22.9	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 167	29.6	118.4	LT	EMPC	14.8			0.00001	0.0			0.0%		
PCB 169	0.098	0.393	17.395		17.4	17.4	17.4	0.001	0.0	0.0	0.0	0.1%	0.1%	0.1%
PCB 189	0.518	2.072	11.1		11.1	11.1	11.1	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 77	0.295	1.178	7.478		7.5	7.5	7.5	0.05	0.4	0.4	0.4	1.6%	1.7%	1.7%
PCB 81	0.305	1.221	0.746		0.7	0.7		0.1	0.1	0.1	0.1	0.3%	0.3%	

Total		TEQs		
		Full	Partial	Quant
All PCDD/PCDF		18.1	17.5	17.1
All PCBs		4.9	4.9	4.9
All PCDDs/PCDFs/PCBs		23.0	22.4	22.0

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

GREAT HORNED OWL LIVERS
RAW DATA AND CALCULATION OF TEQ VALUES

SAMPLE NUMBER: 96RGH01

SAMPLE TYPE: Great horned owl liver (adult)

LOCATION: Off-post, Colorado Springs

Analyte	Analytical Limits		Laboratory Results		Adjusted Concentrations ^a			WHO TEFs Bird	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	6.43	25.72	LT	EMPC	3.2			0.001	0.0			0.0%		
1234678-HpCDF	9.358	37.432	LT	D	4.7			0.01	0.0			0.3%		
1234789-HpCDF	2.339	9.356	LT		1.2			0.01	0.0			0.1%		
123478-HxCDD	1.108	4.433	1.815		1.8	1.8		0.05	0.1	0.1		0.5%	0.7%	
123478-HxCDF	4.853	19.412	LT	EMPC	2.4			0.1	0.2			1.5%		
123678-HxCDD	0.996	3.985	2.915		2.9	2.9		0.01	0.0	0.0		0.2%	0.2%	
123678-HxCDF	2.487	9.948	LT	D	1.2			0.1	0.1			0.7%		
123789-HxCDD	0.678	2.712	LT		0.3			0.1	0.0			0.2%		
123789-HxCDF	0.689	2.758	3.626		3.6	3.6	3.6	0.1	0.4	0.4	0.4	2.2%	3.0%	3.9%
12378-PeCDD	2.95	11.8	LT	EMPC	1.5			1	1.5			9.1%		
12378-PeCDF	0.709	2.837	LT		0.4			0.1	0.0			0.2%		
234678-HxCDF	2.743	10.972	LT	EMPC	1.4			0.1	0.1			0.8%		
23478-PeCDF	3.111	12.444	LT	EMPC	1.6			1	1.6			9.7%		
2378-TCDD	0.942	3.768	LT		0.5			1	0.5			3.0%		
2378-TCDF	1.372	5.488	5.734	U	5.7	5.7	2.9	1	5.7	5.7	2.9	34.5%	46.7%	31.2%
OCDD	1.123	4.493	21.883		21.9	21.9	21.9	0	0	0	0	0%	0%	0%
OCDF	2.773	11.092	LT	EMPC	1.4			0.0001	0.0			0.0%		
PCB 105	184	736	273		273	273		0.0001	0.0	0.0		0.2%	0.2%	
PCB 114	251	1004	LT		125.5			0.0001	0.0			0.1%		
PCB 118	167	668	1090		1090	1090	1090	0.00001	0.0	0.0	0.0	0.1%	0.1%	0.1%
PCB 123	193	772	LT		96.5			0.00001	0.0			0.0%		
PCB 126	4.43	17.72	43.311		43.3	43.3	43.3	0.1	4.3	4.3	4.3	26.2%	35.5%	46.6%
PCB 156	179	716	LT	EMPC	89.5			0.0001	0.0			0.1%		
PCB 157	52.5	210	36		36	36		0.0001	0.0	0.0		0.0%	0.0%	
PCB 167	59.3	237.2	79.8		79.8	79.8		0.00001	0.0	0.0		0.0%	0.0%	
PCB 169	0.905	3.62	61.891		61.9	61.9	61.9	0.001	0.1	0.1	0.1	0.4%	0.5%	0.7%
PCB 189	70.4	281.6	LT		35.2			0.00001	0.0	0.0	0.0	0.0%		
PCB 77	2.499	9.996	LT		1.2			0.05	0.1	0.0	0.0	0.4%		
PCB 81	2.361	9.444	15.914		15.9	15.9	15.9	0.1	1.6	1.6	1.6	9.6%	13.0%	17.1%

Total		TEQs		
		Full	Partial	Quant
All PCDD/PCDF		10.4	6.2	3.3
All PCBs		6.1	6.0	6.0
All PCDDs/PCDFs/PCBs		16.5	12.2	9.3

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

GREAT HORNED OWL LIVERS
RAW DATA AND CALCULATION OF TEQ VALUES

SAMPLE NUMBER: 96RGH02

SAMPLE TYPE: Great horned owl liver (juvenile)

LOCATION: Off-post, Boulder

Analyte	Analytical Limits		Laboratory Results		Adjusted Concentrations ^a			WHO TEFs Bird	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	0.564	2.256	6.174		6.2	6.2	6.2	0.001	0.0	0.0	0.0	0.0%	0.1%	1.1%
1234678-HpCDF	4.344	17.376	LT	EMPC	2.2			0.01	0.0			0.1%		
1234789-HpCDF	1.952	7.807	LT	EMPC	1			0.01	0.0			0.1%		
123478-HxCDD	1.589	6.356	LT	EMPC	0.8			0.05	0.0			0.3%		
123478-HxCDF	1.851	7.404	LT	EMPC	0.9			0.1	0.1			0.6%		
123678-HxCDD	1.979	7.916	LT	EMPC	1			0.01	0.0			0.1%		
123678-HxCDF	1.799	7.196	LT		0.9			0.1	0.1			0.6%		
123789-HxCDD	0.181	0.723	LT		0.1			0.1	0.0			0.1%		
123789-HxCDF	0.476	1.904	5.401		5.4	5.4	5.4	0.1	0.5	0.5	0.5	3.4%	4.4%	93.3%
12378-PeCDD	3.281	13.124	LT		1.6			1	1.6			10.2%		
12378-PeCDF	0.797	3.189	LT		0.4			0.1	0.0			0.3%		
234678-HxCDF	1.894	7.576	LT		0.9			0.1	0.1			0.6%		
23478-PeCDF	0.713	2.853	2.812		2.8	2.8		1	2.8	2.8		17.8%	23.0%	
2378-TCDD	1.606	6.424	LT		0.8			1	0.8			5.1%		
2378-TCDF	1.745	6.979	6.15	U	6.2	6.2		1	6.2	6.2		39.5%	50.8%	
OCDD	1.181	4.723	22.549		22.5	22.5	22.5	0	0	0	0	0%	0%	0.0%
OCDF	3.931	15.724	LT	EMPC	2			0.0001	0.0			0.0%		
PCB 105	4.53	18.12	121		121	121	121	0.0001	0.0	0.0	0.0	0.1%	0.1%	2.1%
PCB 114	6.53	26.12	LT		3.3			0.0001	0.0			0.0%		
PCB 118	4.74	18.96	355		355	355	355	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.6%
PCB 123	5.15	20.6	LT		2.6			0.00001	0.0			0.0%		
PCB 126	6.71	26.84	26.628		26.6	26.6		0.1	2.7	2.7		16.9%	21.8%	
PCB 156	2.79	11.16	67.7		67.7	67.7	67.7	0.0001	0.0	0.0	0.0	0.0%	0.1%	1.2%
PCB 157	15.4	61.6	LT	EMPC	7.7			0.0001	0.0			0.0%		
PCB 167	3.03	12.12	27.4		27.4	27.4	27.4	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 169	1.45	5.8	9.646		9.6	9.6	9.6	0.001	0.0	0.0	0.0	0.1%	0.1%	1.7%
PCB 189	1.86	7.44	11.2		11.2	11.2	11.2	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 77	22.8	91.2	LT	EMPC	11.4			0.05	0.6			3.6%		
PCB 81	2.875	11.5	LT		1.4			0.1	0.1			0.9%		

Total		TEQs		
		Full	Partial	Quant
All PCDD/PCDF		12.3	9.5	0.5
All PCBs		3.4	2.7	0.0
All PCDDs/PCDFs/PCBs		15.7	12.2	0.5

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

GREAT HORNED OWL LIVERS
RAW DATA AND CALCULATION OF TEQ VALUES

SAMPLE NUMBER: 96RGH03

SAMPLE TYPE: Great horned owl liver (adult)

LOCATION: Off-post, Boulder

Analyte	Analytical Limits		Laboratory Results		Adjusted Concentrations ^a			WHO TEFs Bird	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	0.667	2.669	417.31		417.3	417.3	417.3	0.001	0.4	0.4	0.4	0.3%	0.3%	0.3%
1234678-HpCDF	105.958	423.832	LT	D	53	16.5	16.5	0.01	0.5	0.2	0.2	0.4%	0.1%	0.1%
1234789-HpCDF	7.849	31.397	16.509		38.2	38.2	38.2	0.01	0.2	0.2	0.2	0.1%	0.1%	0.1%
123478-HxCDD	0.768	3.070	38.175		251.5	251.5	251.5	0.05	1.9	1.9	1.9	1.4%	1.5%	1.5%
123478-HxCDF	0.697	2.787	251.52		78.9	78.9	78.9	0.1	25.2	25.2	25.2	18.5%	19.5%	20.2%
123678-HxCDD	0.680	2.718	78.909		74	74	74	0.01	0.8	0.8	0.8	0.6%	0.6%	0.6%
123678-HxCDF	0.626	2.506	73.975		3.9			0.1	7.4	7.4	7.4	5.4%	5.7%	5.9%
123789-HxCDD	7.796	31.184	LT	EMPC	1.7			0.1	0.4			0.3%		
123789-HxCDF	3.35	13.4	LT	EMPC	5.2			0.1	0.2			0.1%		
12378-PeCDD	10.485	41.94	LT	EMPC	1.6			1	5.2			3.8%		
12378-PeCDF	3.112	12.448	LT	EMPC	22.7	22.7	22.7	0.1	2.3	2.3	2.3	1.7%	1.8%	1.8%
234678-HxCDF	0.631	2.525	68.087		68.1	68.1	68.1	1	68.1	68.1	68.1	50.0%	52.7%	54.7%
23478-PeCDF	0.162	0.648	LT		0.2			1	0.2			0.1%		
2378-TCDD	0.451	1.804	LT		8.7	8.7	8.7	1	8.7	8.7	8.7	6.4%	6.7%	3.5%
2378-TCDF	1.511	6.045	8.719	U	128.3	128.3	128.3	0	0	0	0	0%	0%	0%
OCDD	2.386	9.543	128.31		19.6	19.6	19.6	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
OCDF	1.605	6.421	19.56											
PCB 105	288	1152	401		401	401	401	0.0001	0.0	0.0	0.0	0.0%	0.0%	
PCB 114	393	1572	LT		196.5			0.0001	0.0			0.0%		
PCB 118	262	1048	1690		1690	1690	1690	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 123	302	1208	LT		151			0.00001	0.0			0.0%		
PCB 126	7.547	30.188	128.32		128.3	128.3	128.3	0.1	12.8	12.8	12.8	9.4%	9.9%	10.3%
PCB 156	98.2	392.8	251		251	251	251	0.0001	0.0	0.0	0.0	0.0%	0.0%	
PCB 157	94.7	378.8	LT		47.4			0.0001	0.0			0.0%		
PCB 167	107	428	173		173	173	173	0.00001	0.0	0.0	0.0	0.0%	0.0%	
PCB 169	1.238	4.952	177.55		177.5	177.5	177.5	0.001	0.2	0.2	0.2	0.1%	0.1%	0.1%
PCB 189	152	608	LT		76			0.00001	0.0			0.0%		
PCB 77	4.361	17.444	23.654		23.7	23.7	23.7	0.05	1.2	1.2	1.2	0.9%	0.9%	1.0%
PCB 81	4.307	17.228	LT		2.2			0.1	0.2			0.2%		

Total		TEQs		
		Full	Partial	Quant
All PCDD/PCDF		121.6	114.9	110.4
All PCBs		14.5	14.3	14.2
All PCDDs/PCDFs/PCBs		136.1	129.2	124.6

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

GREAT HORNED OWL LIVERS
RAW DATA AND CALCULATION OF TEQ VALUES

SAMPLE NUMBER: 96RGH04

SAMPLE TYPE: Great horned owl liver (juvenile)

LOCATION: Off-post, Sedalia

Analyte	Analytical Limits		Laboratory Results		Adjusted Concentrations ^a			WHO TEFs Bird	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	0.425	1.700	48.474		48.5	48.5	48.5	0.001	0.0	0.0	0.0	0.1%	0.1%	0.1%
1234678-HpCDF	35.430	141.720	LT	D	17.7			0.01	0.2			0.5%		
1234789-HpCDF	3.939	15.757	5.797		5.8	5.8		0.01	0.1	0.1		0.1%	0.2%	
123478-HxCDD	0.233	0.931	8.485		8.5	8.5	8.5	0.05	0.4	0.4	0.4	1.1%	1.1%	1.2%
123478-HxCDF	0.846	3.384	45.513		45.5	45.5	45.5	0.1	4.6	4.6	4.6	11.6%	11.9%	12.9%
123678-HxCDD	0.211	0.844	22.414		22.4	22.4	22.4	0.01	0.2	0.2	0.2	0.6%	0.6%	0.6%
123678-HxCDF	0.719	2.875	18.622		18.6	18.6	18.6	0.1	1.9	1.9	1.9	4.8%	4.9%	5.3%
123789-HxCDD	2.183	8.732	LT	EMPC	1.1			0.1	0.1			0.3%		
123789-HxCDF	0.797	3.188	4.658		4.7	4.7	4.7	0.1	0.5	0.5	0.5	1.2%	1.2%	1.3%
12378-PeCDD	1.032	4.129	5.597		5.6	5.6	5.6	1	5.6	5.6	5.6	14.3%	14.6%	15.9%
12378-PeCDF	2.387	9.548	LT	EMPC	1.2			0.1	0.1			0.3%		
234678-HxCDF	0.706	2.824	5.572		5.6	5.6	5.6	0.1	0.6	0.6	0.6	1.4%	1.5%	1.6%
23478-PeCDF	0.097	0.389	13.813		13.8	13.8	13.8	1	13.8	13.8	13.8	35.3%	36.0%	39.2%
2378-TCDD	0.597	2.388	LT		0.3			1	0.3			0.8%		
2378-TCDF	0.972	3.886	5.685	U	5.7	5.7	2.8	1	5.7	5.7	2.8	14.6%	14.9%	8.0%
OCDD	0.671	2.685	60.404		60.4	60.4	60.4	0	0	0	0	0%	0%	0%
OCDF	0.707	2.827	6.141		6.1	6.1	6.1	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 105	145	580	229		229	229		0.0001	0.0	0.0		0.1%	0.1%	
PCB 114	198	792	LT		99			0.0001	0.0			0.0%		
PCB 118	132	528	720		720	720	720	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 123	152	608	LT		76			0.00001	0.0			0.0%		
PCB 126	3.44	13.76	40.438		40.4	40.4	40.4	0.1	4.0	4.0	4.0	10.3%	10.5%	11.5%
PCB 156	50.2	200.8	151		151	151		0.0001	0.0	0.0		0.0%	0.0%	
PCB 157	48.4	193.6	38.6		38.6	38.6		0.0001	0.0	0.0		0.0%	0.0%	
PCB 167	54.7	218.8	77.3		77.3	77.3		0.00001	0.0	0.0		0.0%	0.0%	
PCB 169	0.841	3.365	49.103		49.1	49.1	49.1	0.001	0.0	0.0	0.0	0.1%	0.1%	0.1%
PCB 189	69	276	LT		34.5			0.00001	0.0			0.0%		
PCB 77	1.685	6.742	16.552		16.6	16.6	16.6	0.05	0.8	0.8	0.8	2.1%	2.2%	2.4%
PCB 81	1.670	6.682	LT		0.8			0.1	0.1			0.2%		

Total		TEQs		
		Full	Partial	Quant
All PCDD/PCDF		34.0	33.3	30.3
All PCBs		5.1	5.0	4.9
All PCDDs/PCDFs/PCBs		39.1	38.3	35.2

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

GREAT HORNED OWL LIVERS
RAW DATA AND CALCULATION OF TEQ VALUES

SAMPLE NUMBER: 96RGH05

SAMPLE TYPE: Great horned owl liver (adult)

LOCATION: Off-post, Fountain

Analyte	Analytical Limits		Laboratory Results		Adjusted Concentrations ^a			WHO TEFs Bird	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	0.054	0.215	5.886		5.9	5.9	5.9	0.001	0.0	0.0	0.0	0.0%	0.0%	0.0%
1234678-HpCDF	6.992	27.967	LT		3.5			0.01	0.0	0.0	0.0	0.2%		
1234789-HpCDF	10.273	41.093	LT		5.1			0.01	0.1	0.0	0.0	0.2%		
123478-HxCDD	0.338	1.354	3.742		3.7	3.7	3.7	0.05	0.2	0.2	0.2	0.8%	0.8%	0.9%
123478-HxCDF	0.186	0.742	3.095		3.1	3.1	3.1	0.1	0.3	0.3	0.3	1.3%	1.4%	1.5%
123678-HxCDD	0.316	1.265	9.84		9.8	9.8	9.8	0.01	0.1	0.1	0.1	0.4%	0.4%	0.5%
123678-HxCDF	0.162	0.650	1.527		1.5	1.5	1.5	0.1	0.2	0.2	0.2	0.7%	0.7%	0.7%
123789-HxCDD	0.307	1.228	0.648		0.6	0.6		0.1	0.1	0.1		0.3%	0.3%	
123789-HxCDF	0.197	0.788	0.778		0.8	0.8		0.1	0.1	0.1		0.3%	0.4%	
12378-PeCDD	0.152	0.609	5.455		5.5	5.5	5.5	1	5.5	5.5	5.5	23.9%	24.3%	26.2%
12378-PeCDF	0.273	1.092	LT	EMPC	0.1			0.1	0.0			0.0%		
234678-HxCDF	5.425	21.700	LT	D	2.7			0.1	0.3			1.2%		
23478-PeCDF	0.008	0.033	4.173		4.2	4.2	4.2	1	4.2	4.2	4.2	18.3%	18.6%	20.0%
2378-TCDD	0.355	1.419	0.919		0.9	0.9		1	0.9	0.9		3.9%	4.0%	
2378-TCDF	0.140	0.561	0.503	U	0.5	0.5		1	0.5	0.5		2.2%	2.2%	
OCDD	0.135	0.539	7.555		7.6	7.6	7.6	0	0	0	0	0%	0%	0%
OCDF	1.019	4.076	LT	EMPC	0.5			0.0001	0.0			0.0%		
PCB 105	129	516	2380		2380	2380	2380	0.0001	0.2	0.2	0.2	1.0%	1.1%	1.1%
PCB 114	175	700	LT		87.5			0.0001	0.0			0.0%		
PCB 118	117	468	11200		11200	11200	11200	0.00001	0.1	0.1	0.1	0.5%	0.5%	0.5%
PCB 123	135	540	124		124	124		0.00001	0.0	0.0		0.0%	0.0%	
PCB 126	0.878	3.514	92.771		92.8	92.8	92.8	0.1	9.3	9.3	9.3	40.3%	41.1%	44.2%
PCB 156	142	568	3410		3410	3410	3410	0.0001	0.3	0.3	0.3	1.5%	1.5%	1.6%
PCB 157	137	548	602		602	602	602	0.0001	0.1	0.1	0.1	0.3%	0.3%	0.3%
PCB 167	155	620	1680		1680	1680	1680	0.00001	0.0	0.0	0.0	0.1%	0.1%	0.1%
PCB 169	1.968	7.873	238.15		238.2	238.2	238.2	0.001	0.2	0.2	0.2	1.0%	1.1%	1.1%
PCB 189	103	412	524		524	524	524	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 77	0.600	2.399	5.647		5.6	5.6	5.6	0.05	0.3	0.3	0.3	1.2%	1.2%	1.3%
PCB 81	0.609	2.435	LT		0.3			0.1	0.0			0.1%		

Total		TEQs		
		Full	Partial	Quant
All PCDD/PCDF		12.4	12.0	10.4
All PCBs		10.6	10.6	10.6
All PCDDs/PCDFs/PCBs		23.0	22.6	21.0

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

GREAT HORNED OWL LIVERS
RAW DATA AND CALCULATION OF TEQ VALUES

SAMPLE NUMBER: 96RGH07

SAMPLE TYPE: Great horned owl liver (adult)

LOCATION: Off-post, Tower Rd. at 104th Street

Analyte	Analytical Limits		Laboratory Results		Adjusted Concentrations ^a			WHO TEFs Bird	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	0.078	0.312	25.997		26	26	26	0.001	0.0	0.0	0.0	0.2%	0.2%	0.2%
1234678-HpCDF	1.976	7.906	11.432		11.4	11.4	11.4	0.01	0.1	0.1	0.1	0.8%	0.8%	0.8%
1234789-HpCDF	2.838	11.351	LT		1.4			0.01	0.0			0.1%		
123478-HxCDD	0.169	0.677	5.974		6	6	6	0.05	0.3	0.3	0.3	2.0%	2.1%	2.1%
123478-HxCDF	0.091	0.365	9.201		9.2	9.2	9.2	0.1	0.9	0.9	0.9	6.1%	6.4%	6.5%
123678-HxCDD	0.150	0.600	13.411		13.4	13.4	13.4	0.01	0.1	0.1	0.1	0.9%	0.9%	0.9%
123678-HxCDF	0.080	0.319	4.693		4.7	4.7	4.7	0.1	0.5	0.5	0.5	3.1%	3.3%	3.3%
123789-HxCDD	1.304	5.216	LT	EMPC	0.7			0.1	0.1			0.5%		
123789-HxCDF	0.567	2.268	LT	EMPC	0.3			0.1	0.0			0.2%		
12378-PeCDD	0.081	0.323	3.15		3.2	3.2	3.2	1	3.2	3.2	3.2	21.3%	22.2%	22.5%
12378-PeCDF	0.039	0.157	0.176		0.2	0.2	0.2	0.1	0.0	0.0	0.0	0.1%	0.1%	0.1%
234678-HxCDF	5.41	21.64	LT	D	2.7			0.1	0.3			1.8%		
23478-PeCDF	0.030	0.121	5.664		5.7	5.7	5.7	1	5.7	5.7	5.7	38.0%	39.6%	40.1%
2378-TCDD	0.426	1.704	LT	EMPC	0.2			1	0.2			1.3%		
2378-TCDF	0.084	0.335	0.379	U	0.4	0.4	0.2	1	0.4	0.4	0.2	2.7%	2.8%	1.4%
OCDD	0.110	0.439	21.001		21	21	21	0	0	0	0	0%	0%	0%
OCDF	0.181	0.724	4.634		4.6	4.6	4.6	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 105	43.1	172.4	255		255	255	255	0.0001	0.0	0.0	0.0	0.2%	0.2%	0.2%
PCB 114	58.8	235.2	LT		29.4			0.0001	0.0			0.0%		
PCB 118	39.2	156.8	1020		1020	1020	1020	0.00001	0.0	0.0	0.0	0.1%	0.1%	0.1%
PCB 123	45.2	180.8	LT		22.6			0.00001	0.0			0.0%		
PCB 126	0.309	1.236	28.528		28.5	28.5	28.5	0.1	2.9	2.9	2.9	19.0%	19.8%	20.1%
PCB 156	27.9	111.6	200		200	200	200	0.0001	0.0	0.0	0.0	0.1%	0.1%	0.1%
PCB 157	26.9	107.6	41.3		41.3	41.3		0.0001	0.0	0.0	0.0	0.0%	0.0%	
PCB 167	30.5	122	LT		15.3			0.00001	0.0			0.0%		
PCB 169	0.198	0.791	60.004		60	60	60	0.001	0.1	0.1	0.1	0.4%	0.4%	0.4%
PCB 189	25.2	100.8	28.8		28.8	28.8		0.00001	0.0	0.0	0.0	0.0%	0.0%	
PCB 77	0.137	0.547	2.54		2.5	2.5	2.5	0.05	0.1	0.1	0.1	0.8%	0.9%	0.9%
PCB 81	0.140	0.559	0.421		0.4	0.4		0.1	0.0	0.0	0.0	0.3%	0.3%	

Total		TEQs		
		Full	Partial	Quant
All PCDD/PCDF		11.9	11.3	11.1
All PCBs		3.1	3.1	3.1
All PCDDs/PCDFs/PCBs		15.0	14.4	14.2

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

GREAT HORNED OWL LIVERS
RAW DATA AND CALCULATION OF TEQ VALUES

SAMPLE NUMBER: 96RGH09

SAMPLE TYPE: Great horned owl liver (juvenile)

LOCATION: Off-post, Fort Morgan

Analyte	Analytical Limits		Laboratory Results		Adjusted Concentrations ^a			WHO TEFs Bird	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	2.140	8.561	28.905		28.9	28.9	28.9	0.001	0.0	0.0	0.0	0.0%	0.1%	0.1%
1234678-HpCDF	35.166	140.66	LT	D	17.6			0.01	0.2			0.3%		
1234789-HpCDF	0.75	3	LT		0.4			0.01	0.0			0.0%		
123478-HxCDD	11.317	45.268	LT	EMPC	5.7			0.05	0.3			0.4%		
123478-HxCDF	23.305	93.22	LT	D	11.7			0.1	1.2			1.7%		
123678-HxCDD	0.857	3.429	36.233		36.2	36.2	36.2	0.01	0.4	0.4	0.4	0.5%	0.6%	0.8%
123678-HxCDF	10.335	41.34	LT	D	5.2			0.1	0.5			0.8%		
123789-HxCDD	3.619	14.476	LT	EMPC	1.8			0.1	0.2			0.3%		
123789-HxCDF	1.950	7.799	5.126		5.1	5.1		0.1	0.5	0.5		0.8%	0.9%	
12378-PeCDD	15.287	61.148	LT	EMPC	7.6			1	7.6			11.3%		
12378-PeCDF	0.743	2.973	4.204		4.2	4.2	4.2	0.1	0.4	0.4	0.4	0.6%	0.7%	0.9%
234678-HxCDF	3.098	12.392	LT	D	1.5			0.1	0.2			0.2%		
23478-PeCDF	0.658	2.631	11.482		11.5	11.5	11.5	1	11.5	11.5	11.5	17.2%	20.3%	25.3%
2378-TCDD	2.546	10.184	2.640		2.6	2.6		1	2.6	2.6		3.9%	4.6%	
2378-TCDF	2.529	10.115	6.611	U	6.6	6.6		1	6.6	6.6		9.9%	11.7%	
OCDD	0.142	0.567	46.733		46.7	46.7	46.7	0	0	0	0	0%	0%	0%
OCDF	0.331	1.323	5.740		5.7	5.7	5.7	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 105	14.4	57.6	3080		3080	3080	3080	0.0001	0.3	0.3	0.3	0.5%	0.5%	0.7%
PCB 114	20.8	83.2	342		342	342	342	0.0001	0.0	0.0	0.0	0.1%	0.1%	0.1%
PCB 118	15.1	60.4	9700		9700	9700	9700	0.00001	0.1	0.1	0.1	0.1%	0.2%	0.2%
PCB 123	16.4	65.6	213		213	213	213	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 126	18.72	74.88	320.98		321	321	321	0.1	32.1	32.1	32.1	47.9%	56.7%	70.7%
PCB 156	15.5	62	3000		3000	3000	3000	0.0001	0.3	0.3	0.3	0.4%	0.5%	0.7%
PCB 157	15.1	60.4	653		653	653	653	0.0001	0.1	0.1	0.1	0.1%	0.1%	0.1%
PCB 167	16.9	67.6	1930		1930	1930	1930	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 169	5.393	21.572	167.74		167.7	167.7	167.7	0.001	0.2	0.2	0.2	0.3%	0.3%	0.4%
PCB 189	7.24	28.96	573		573	573	573	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 77	24.007	96.028	30.734		30.7	30.7		0.05	1.5	1.5		2.3%	2.7%	
PCB 81	5.964	23.856	LT		3			0.1	0.3			0.4%		

Total		TEQs		
		Full	Partial	Quant
All PCDD/PCDF		32.1	22.0	12.3
All PCBs		34.9	34.6	33.1
All PCDDs/PCDFs/PCBs		67.0	56.6	45.4

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

GREAT HORNED OWL LIVERS
RAW DATA AND CALCULATION OF TEQ VALUES

SAMPLE NUMBER: 96RGH10

SAMPLE TYPE: Great horned owl liver (juvenile)

LOCATION: Off-post, Littleton

Analyte	Analytical Limits		Laboratory Results		Adjusted Concentrations ^a			WHO TEFs Bird	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	0.109	0.438	14.163		14.2	14.2	14.2	0.001	0.0	0.0	0.0	0.0%	0.0%	0.0%
1234678-HpCDF	33.258	133.03	LT	D	16.6			0.01	0.2			0.4%		
1234789-HpCDF	3.794	15.176	LT		1.9			0.01	0.0			0.0%		
123478-HxCDD	1.927	7.709	8.455		8.5	8.5	8.5	0.05	0.4	0.4	0.4	1.1%	1.3%	1.3%
123478-HxCDF	12.105	48.42	LT	D	6.1			0.1	0.6			1.6%		
123678-HxCDD	1.868	7.474	20.736		20.7	20.7	20.7	0.01	0.2	0.2	0.2	0.5%	0.6%	0.6%
123678-HxCDF	3.797	15.188	LT	D	1.9			0.1	0.2			0.5%		
123789-HxCDD	1.787	7.150	3.36		3.4	3.4		0.1	0.3	0.3		0.9%	1.0%	
123789-HxCDF	3.096	12.384	LT	EMPC	1.5			0.1	0.2			0.4%		
12378-PeCDD	0.867	3.469	10.329		10.3	10.3	10.3	1	10.3	10.3	10.3	27.0%	30.8%	31.2%
12378-PeCDF	2.892	11.568	LT	EMPC	1.4			0.1	0.1			0.4%		
234678-HxCDF	3.369	13.476	LT	D	1.7			0.1	0.2			0.4%		
23478-PeCDF	0.095	0.378	7.922		7.9	7.9	7.9	1	7.9	7.9	7.9	20.7%	23.7%	23.9%
2378-TCDD	1.617	6.468	LT		0.8			1	0.8			2.1%		
2378-TCDF	4.861	19.444	LT	EMPC, U	2.4			1	2.4			6.3%		
OCDD	27.029	108.12	LT	EMPC	13.5			0	0			0%		
OCDF	2.496	9.983	3.905		3.9	3.9		0.0001	0.0	0.0		0.0%	0.0%	
PCB 105	9.63	38.52	2270		2270	2270	2270	0.0001	0.2	0.2	0.2	0.6%	0.7%	0.7%
PCB 114	13.9	55.6	343		343	343	343	0.0001	0.0	0.0	0.0	0.1%	0.1%	0.1%
PCB 118	10.1	40.4	9430		9430	9430	9430	0.00001	0.1	0.1	0.1	0.2%	0.3%	0.3%
PCB 123	11	44	142		142	142	142	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 126	10.517	42.068	122.44		122.4	122.4	122.4	0.1	12.2	12.2	12.2	32.0%	36.6%	37.1%
PCB 156	5.93	23.72	2490		2490	2490	2490	0.0001	0.2	0.2	0.2	0.7%	0.7%	0.8%
PCB 157	5.77	23.08	462		462	462	462	0.0001	0.0	0.0	0.0	0.1%	0.1%	0.1%
PCB 167	6.44	25.76	996		996	996	996	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 169	4.13	16.52	72.56		72.6	72.6	72.6	0.001	0.1	0.1	0.1	0.2%	0.2%	0.2%
PCB 189	3.98	15.92	259		259	259	259	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 77	2.999	11.996	23.872		23.9	23.9	23.9	0.05	1.2	1.2	1.2	3.1%	3.6%	3.6%
PCB 81	3.752	15.008	LT	EMPC	1.9			0.1	0.2			0.5%		

Total		TEQs		
		Full	Partial	Quant
All PCDD/PCDF		23.8	19.2	18.8
All PCBs		14.4	14.2	14.2
All PCDDs/PCDFs/PCBs		38.2	33.4	33.0

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

GREAT HORNED OWL LIVERS
RAW DATA AND CALCULATION OF TEQ VALUES

SAMPLE NUMBER: 96RGH11

SAMPLE TYPE: Great horned owl liver (juvenile)

LOCATION: Off-post, Byers

Analyte	Analytical Limits		Laboratory Results		Adjusted Concentrations ^a			WHO TEFs Bird	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	0.792	3.169	4.398		4.4	4.4	4.4	0.001	0.0	0.0	0.0	0.0%	0.1%	0.1%
1234678-HpCDF	1.241	4.964	LT		0.6			0.01	0.0			0.1%		
1234789-HpCDF	0.756	3.022	LT		0.4			0.01	0.0			0.0%		
123478-HxCDD	1.287	5.148	LT		0.6			0.05	0.0			0.3%		
123478-HxCDF	1.197	4.788	LT	EMPC	0.6			0.1	0.1			0.6%		
123678-HxCDD	0.697	2.790	LT		0.3			0.01	0.0			0.0%		
123678-HxCDF	1.512	6.048	LT	EMPC	0.8			0.1	0.1			0.9%		
123789-HxCDD	0.691	2.763	LT		0.3			0.1	0.0			0.3%		
123789-HxCDF	0.286	1.143	3.364		3.4	3.4	3.4	0.1	0.3	0.3	0.3	3.6%	4.9%	8.5%
12378-PeCDD	1.959	7.836	LT		1			1	1.0			10.6%		
12378-PeCDF	0.857	3.428	LT		0.4			0.1	0.0			0.4%		
234678-HxCDF	1.21	4.84	LT	EMPC	0.6			0.1	0.1			0.6%		
23478-PeCDF	1.174	4.696	LT		0.6			1	0.6			6.4%		
2378-TCDD	0.814	3.256	LT		0.4			1	0.4			4.3%		
2378-TCDF	1.384	5.534	5.548	U	5.5	5.5	2.8	1	5.5	5.5	2.8	58.5%	79.7%	70.0%
OCDD	1.593	6.373	12.923		12.9	12.9	12.9	0	0	0	0	0%	0%	0%
OCDF	2.509	10.036	LT	EMPC	1.3			0.0001	0.0			0.0%		
PCB 105	0.575	2.3	16.9		16.9	16.9	16.9	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 114	0.828	3.312	LT		0.4			0.0001	0.0			0.0%		
PCB 118	0.601	2.404	49		49	49	49	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 123	0.654	2.616	LT		0.3			0.00001	0.0			0.0%		
PCB 126	5.828	23.312	2.349		2.3	2.3		0.1	0.2	0.2		2.4%	3.3%	
PCB 156	0.581	2.324	7.65		7.7	7.7	7.7	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 157	1.66	6.64	LT	EMPC	0.8			0.0001	0.0			0.0%		
PCB 167	0.631	2.524	3.58		3.6	3.6	3.6	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 169	0.951	3.804	1.139		1.1	1.1		0.001	0.0	0.0		0.0%	0.0%	
PCB 189	0.193	0.772	LT		0.1			0.00001	0.0			0.0%		
PCB 77	2.08	8.32	17.18		17.2	17.2	17.2	0.05	0.9	0.9	0.9	9.1%	12.5%	21.5%
PCB 81	2.09	8.36	LT		1			0.1	0.1			1.1%		

Total		TEQs		
		Full	Partial	Quant
All PCDD/PCDF		8.2	5.8	3.1
All PCBs		1.2	1.1	0.9
All PCDDs/PCDFs/PCBs		9.4	6.9	4.0

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

GREAT HORNED OWL LIVERS
RAW DATA AND CALCULATION OF TEQ VALUES

SAMPLE NUMBER: 96RGH12

SAMPLE TYPE: Great horned owl liver (adult)

LOCATION: Off-post, Fleming

Analyte	Analytical Limits		Laboratory Results		Adjusted Concentrations ^a			WHO TEFs Bird	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	0.701	2.802	25.128		25.1	25.1	25.1	0.001	0.0	0.0	0.0	0.1%	0.1%	0.1%
1234678-HpCDF	0.986	3.946	10.449		10.4	10.4	10.4	0.01	0.1	0.1	0.1	0.4%	0.4%	0.4%
1234789-HpCDF	1.529	6.116	LT	EMPC	0.8			0.01	0.0			0.0%		
123478-HxCDD	2.145	8.578	7.969		8	8		0.05	0.4	0.4		1.5%	1.5%	
123478-HxCDF	0.224	0.895	16.278		16.3	16.3	16.3	0.1	1.6	1.6	1.6	5.9%	6.1%	6.4%
123678-HxCDD	2.040	8.161	22.39		22.4	22.4	22.4	0.01	0.2	0.2	0.2	0.8%	0.8%	0.9%
123678-HxCDF	0.195	0.781	7.157		7.2	7.2	7.2	0.1	0.7	0.7	0.7	2.6%	2.7%	2.8%
123789-HxCDD	1.968	7.874	LT		1			0.1	0.1			0.4%		
123789-HxCDF	0.243	0.971	1.363		1.4	1.4	1.4	0.1	0.1	0.1	0.1	0.5%	0.5%	0.6%
12378-PeCDD	0.258	1.032	4.723		4.7	4.7	4.7	1	4.7	4.7	4.7	17.1%	17.7%	18.5%
12378-PeCDF	0.776	3.104	LT	EMPC	0.4			0.1	0.0			0.1%		
234678-HxCDF	8.881	35.524	LT		4.4			0.1	0.4			1.6%		
23478-PeCDF	0.052	0.207	14.17		14.2	14.2	14.2	1	14.2	14.2	14.2	51.6%	53.4%	55.9%
2378-TCDD	0.350	1.399	0.675		0.7	0.7		1	0.7	0.7	0.7	2.5%	2.6%	
2378-TCDF	0.678	2.712	LT	EMPC,U	0.3			1	0.3			1.1%		
OCDD	0.324	1.295	16.378		16.4	16.4	16.4	0	0	0	0	0%	0%	0%
OCDF	0.499	1.994	5.244		5.2	5.2	5.2	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 105	76.6	306.4	313		313	313	313	0.0001	0.0	0.0	0.0	0.1%	0.1%	0.1%
PCB 114	105	420	LT		52.5			0.0001	0.0			0.0%		
PCB 118	69.7	278.8	830		830	830	830	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 123	80.3	321.2	LT		40.2			0.00001	0.0			0.0%		
PCB 126	0.737	2.947	30.215		30.2	30.2	30.2	0.1	3.0	3.0	3.0	11.0%	11.4%	11.9%
PCB 156	29.1	116.4	326		326	326	326	0.0001	0.0	0.0	0.0	0.1%	0.1%	0.1%
PCB 157	28.1	112.4	60.4		60.4	60.4		0.0001	0.0	0.0		0.0%	0.0%	
PCB 167	31.8	127.2	72		72	72		0.00001	0.0	0.0		0.0%	0.0%	
PCB 169	0.509	2.034	244.96		245	245	245	0.001	0.2	0.2	0.2	0.9%	0.9%	1.0%
PCB 189	17.6	70.4	27.6		27.6	27.6		0.00001	0.0	0.0		0.0%	0.0%	
PCB 77	0.613	2.452	6.87		6.9	6.9	6.9	0.05	0.3	0.3	0.3	1.3%	1.3%	1.4%
PCB 81	0.615	2.461	0.955		1	1		0.1	0.1	0.1		0.4%	0.4%	

Total		TEQs		
		Full	Partial	Quant
All PCDD/PCDF		23.7	22.8	21.7
All PCBs		3.8	3.8	3.7
All PCDDs/PCDFs/PCBs		27.5	26.6	25.4

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.